

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055142.D
 Acq On : 19 Apr 2019 15:13
 Operator : JC/SP
 Sample : VN0419WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0419WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:06:49 AM

Quant Time: Apr 20 04:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	71121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	373486	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	321798	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	165697	30.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.90%
60) 4-Bromofluorobenzene	12.40	95	142463	28.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.80%
63) Toluene-d8	10.09	98	471291	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	74365	17.778	ug/l 99
3) Chloromethane	2.06	50	103530	18.322	ug/l 95
4) Vinyl Chloride	2.19	62	85146	17.425	ug/l 99
5) Bromomethane	2.56	94	47575	16.832	ug/l 95
6) Chloroethane	2.70	64	47353	17.303	ug/l 98
7) Trichlorofluoromethane	3.02	101	130751	20.940	ug/l 94
8) Diethyl Ether	3.41	74	49833	24.857	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	77003	22.560	ug/l 97
10) 1,1-Dichloroethene	3.74	96	73341	23.241	ug/l 92
11) Methyl Iodide	3.95	142	109415	22.911	ug/l 96
12) Methyl Acetate	4.33	43	105044	27.062	ug/l 96
13) Acrolein	3.61	56	35119	103.235	ug/l 96
14) Acrylonitrile	4.99	53	192598	121.111	ug/l 98
15) Acetone	3.82	58	44261	112.477	ug/l 82
16) Carbon Disulfide	4.05	76	191143	18.058	ug/l 100
17) Allyl chloride	4.33	41	142911	18.390	ug/l 99
18) Methylene Chloride	4.55	84	90623	19.427	ug/l 96
19) trans-1,2-Dichloroethene	5.04	96	79021	19.236	ug/l 94
20) Diisopropyl ether	5.96	45	321780	20.439	ug/l 99
21) 1,1-Dichloroethane	5.85	63	168884	20.084	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	90593	18.973	ug/l 99
23) tert-Butyl Alcohol	4.79	59	39190m	154.554	ug/l
24) Methyl tert-Butyl Ether	5.05	73	233034	21.992	ug/l # 66
25) Chloroform	7.37	83	160944	19.981	ug/l 99
26) Cyclohexane	7.65	56	141508	18.137	ug/l # 98
29) 1,1-Dichloropropene	7.80	75	112754	19.385	ug/l 98
30) 2-Butanone	6.84	43	234888	121.655	ug/l 100
31) 2,2-Dichloropropane	6.82	77	97774	18.263	ug/l # 100
32) 1,1,1-Trichloroethane	7.57	97	127459	20.732	ug/l 99
33) Carbon Tetrachloride	7.78	117	106147	19.942	ug/l 98
34) Benzene	8.04	78	354811	20.584	ug/l 98
35) Methacrylonitrile	7.18	41	64044m	28.143	ug/l
36) 1,2-Dichloroethane	8.13	62	124831	21.190	ug/l 99
37) Trichloroethene	8.83	130	86760	19.744	ug/l 93
38) Methylcyclohexane	9.08	83	115334	17.098	ug/l 99
39) 1,2-Dichloropropane	9.12	63	101750	21.378	ug/l 100
40) Dibromomethane	9.21	93	58588	21.778	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	114332	20.592	ug/l	99
42) Vinyl Acetate	5.90	43	1090615	111.731	ug/l	99
43) Ethyl Acetate	6.93	43	92926	23.625	ug/l	99
44) Isopropyl Acetate	8.17	43	170262	25.542	ug/l	93
45) 1,4-Dioxane	9.20	88	18644	504.849	ug/l	92
46) Methyl methacrylate	9.20	41	79921	23.177	ug/l	97
47) n-amyl Acetate	12.07	43	111869	22.785	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	102527	20.109	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	125109	19.877	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	78977	21.614	ug/l	99
51) Ethyl methacrylate	10.43	69	96491	22.153	ug/l	97
52) 1,3-Dichloropropane	10.71	76	141552	22.108	ug/l	100
53) Dibromochloromethane	10.90	129	79797	21.201	ug/l	100
54) 1,2-Dibromoethane	11.00	107	76249	22.228	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	189686	104.169	ug/l	100
56) Bromoform	12.13	173	49649	20.993	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	496495	133.790	ug/l	99
59) 2-Hexanone	10.75	43	311653	132.196	ug/l	100
61) Tetrachloroethene	10.63	164	82219	19.633	ug/l	97
62) Toluene	10.16	91	362596	20.450	ug/l	97
64) Chlorobenzene	11.43	112	211221	19.732	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	77717	20.414	ug/l	96
66) Ethyl Benzene	11.51	91	368315	19.378	ug/l	100
67) m/p-Xylenes	11.62	106	274038	38.788	ug/l	100
68) o-Xylene	11.95	106	139239	19.943	ug/l	97
69) Styrene	11.96	104	207191	19.111	ug/l	99
70) Isopropylbenzene	12.25	105	364490	19.526	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	105753	24.769	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	87119m	24.708	ug/l	
73) Bromobenzene	12.53	156	85485	19.375	ug/l	97
74) n-propylbenzene	12.59	91	384427	18.395	ug/l	100
75) 2-Chlorotoluene	12.67	91	242109	19.209	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	281727	18.668	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	19299	21.714	ug/l	94
78) 4-Chlorotoluene	12.77	91	218966	18.233	ug/l	100
79) tert-butylbenzene	12.99	119	247162	18.927	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	270648	18.255	ug/l	98
81) sec-Butylbenzene	13.17	105	311663	17.862	ug/l	98
82) p-Isopropyltoluene	13.29	119	255415	17.345	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	133478	18.083	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	122082	17.405	ug/l	98
85) n-Butylbenzene	13.61	91	170843	14.565	ug/l	99
86) Hexachloroethane	13.87	117	43069	18.270	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	136163	18.836	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	13803	24.325	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	41234	12.759	ug/l	93
90) Hexachlorobutadiene	15.01	225	38739	16.441	ug/l	99
91) Naphthalene	15.13	128	102114	15.090	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	48374	14.966	ug/l	98

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ClientSampleId :
VN0419WBSD01

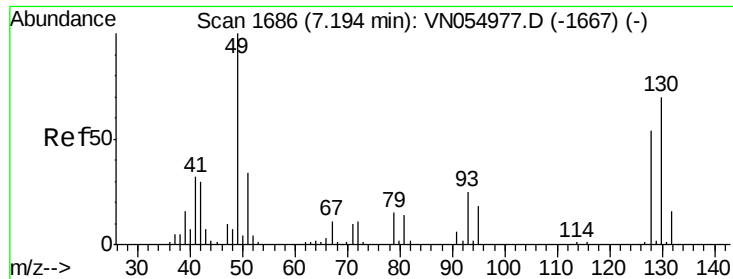
Manual Integrations
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QLast Update : Fri Apr 12 07:55:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



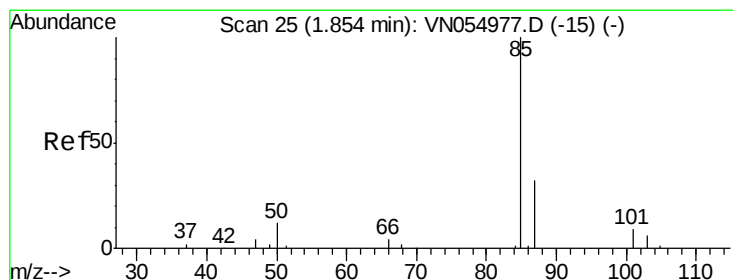
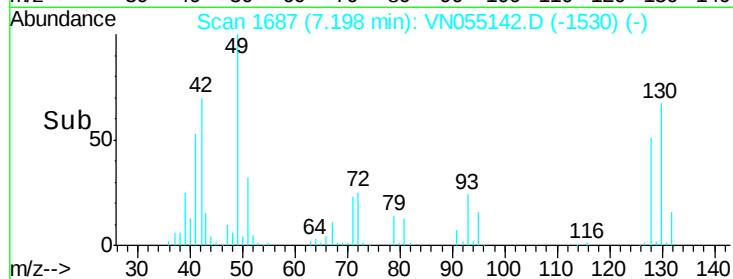
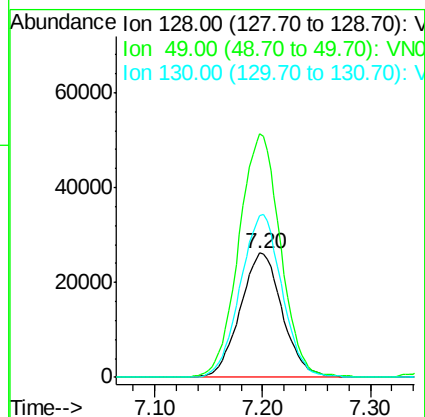
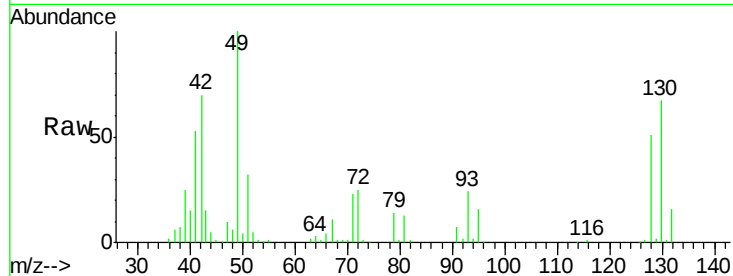
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	193.1	0.0	480.3
130	129.8	0.0	322.2

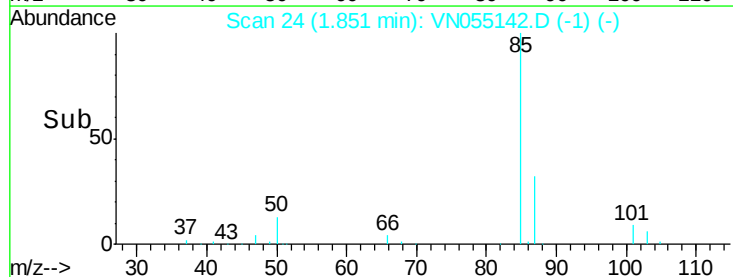
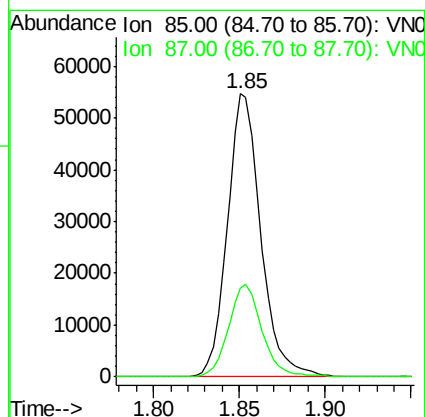
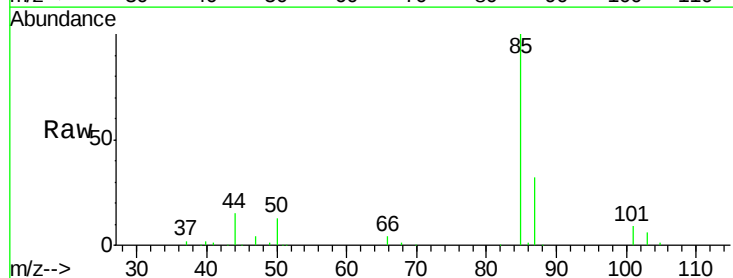
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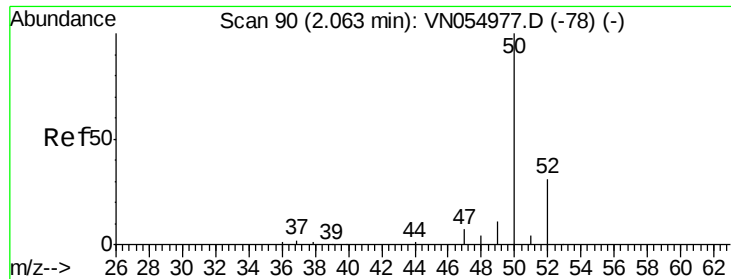
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#2
Dichlorodifluoromethane
Concen: 17.778 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.1	48.3





#3

Chloromethane

Concen: 18.322 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampled :

VN0419WBSD01

Tot Ion: 50 Resp: 103530

Ion Ratio Lower Upper

50 100

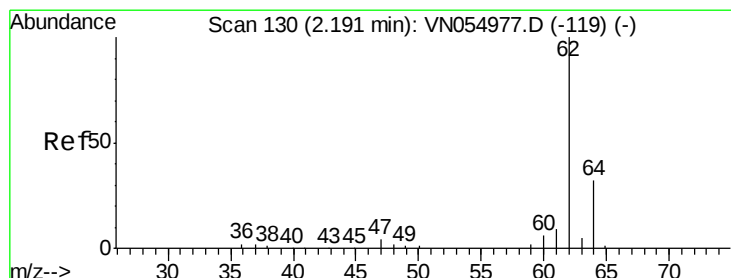
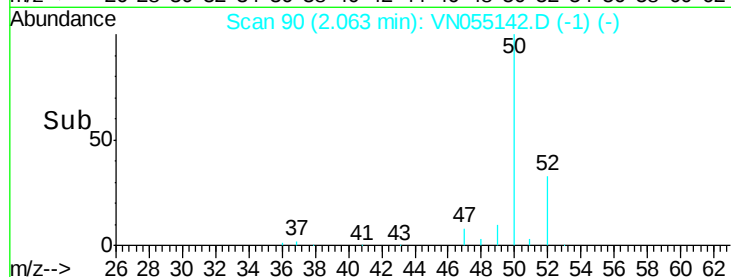
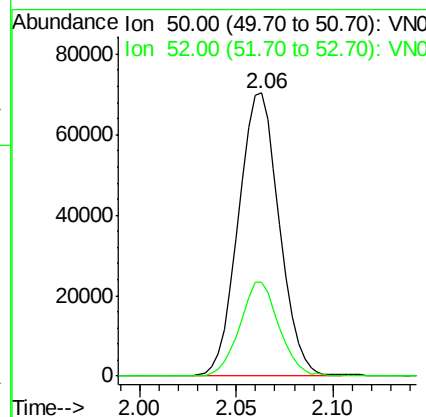
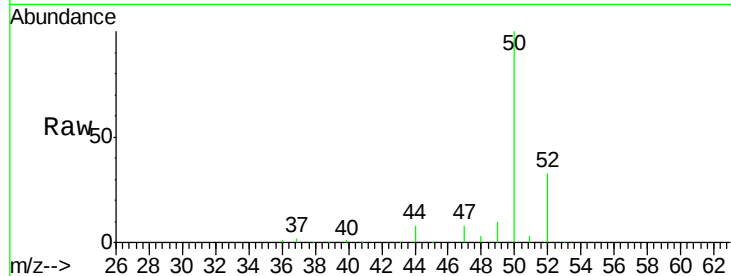
52 33.3 24.5 36.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.425 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.01 min

Lab File: VN055142.D

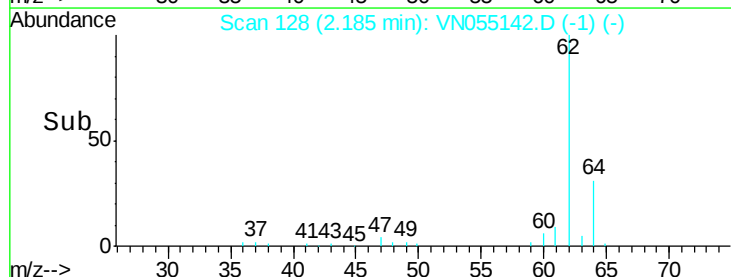
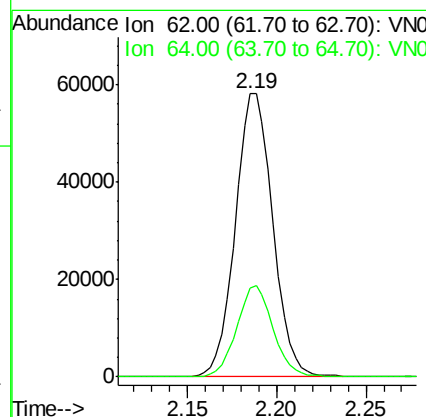
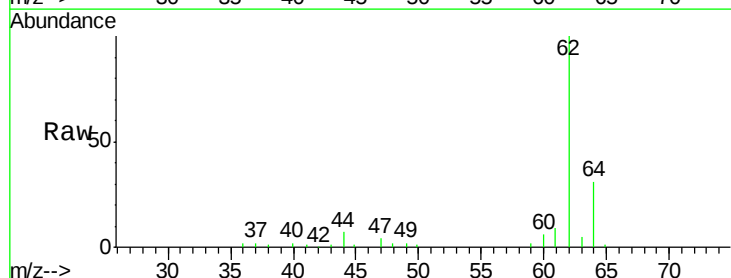
Acq: 19 Apr 2019 15:13

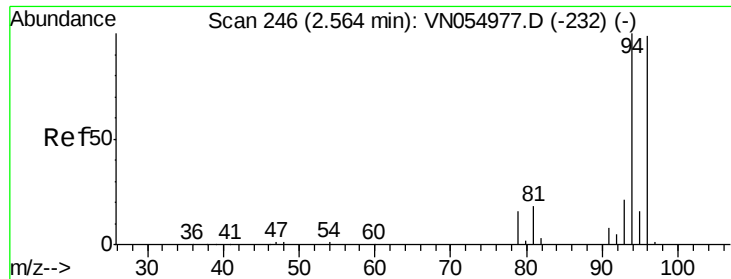
Tgt Ion: 62 Resp: 85146

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 16.832 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampled :

VN0419WBSD01

Tot Ion: 94 Resp: 47575

Ion Ratio Lower Upper

94 100

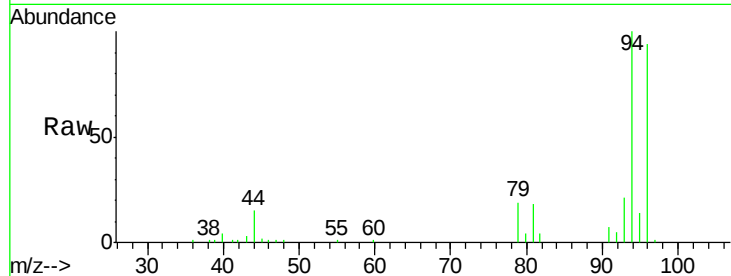
96 93.8 79.1 118.7

Manual Integrations

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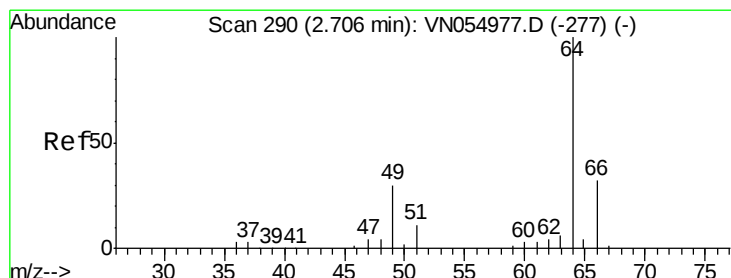
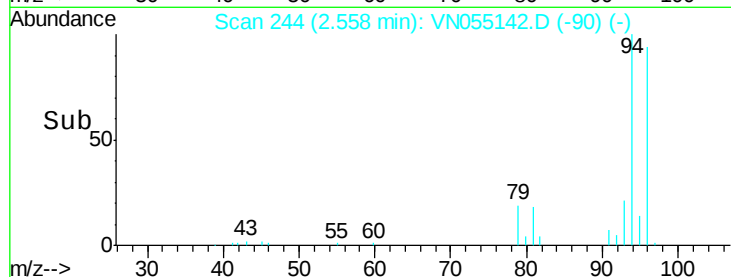
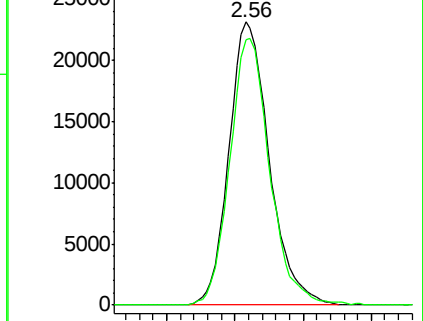
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.303 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN055142.D

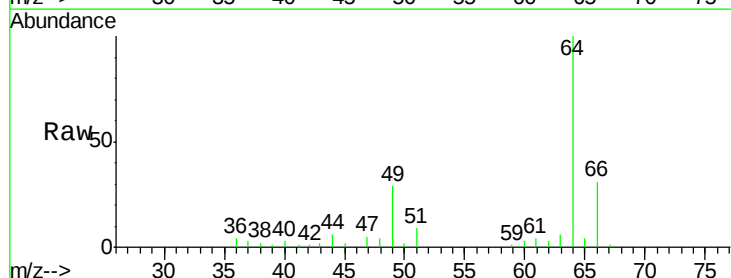
Acq: 19 Apr 2019 15:13

Tgt Ion: 64 Resp: 47353

Ion Ratio Lower Upper

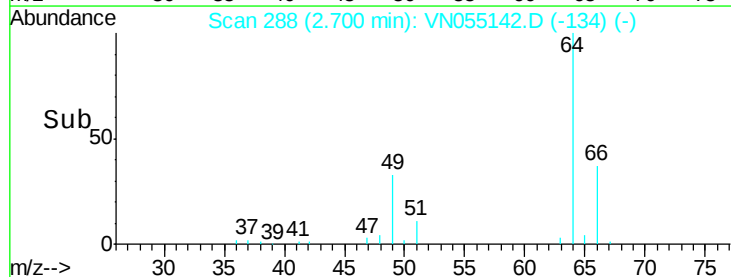
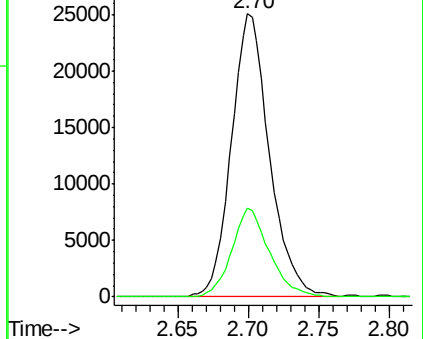
64 100

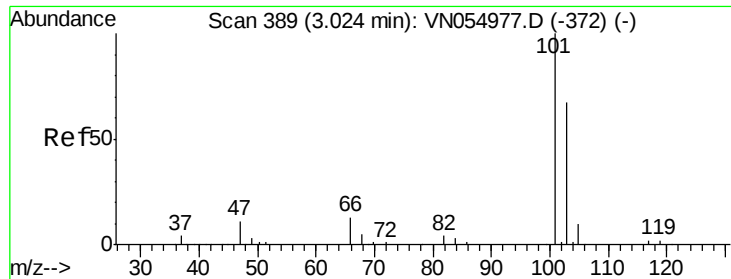
66 31.2 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

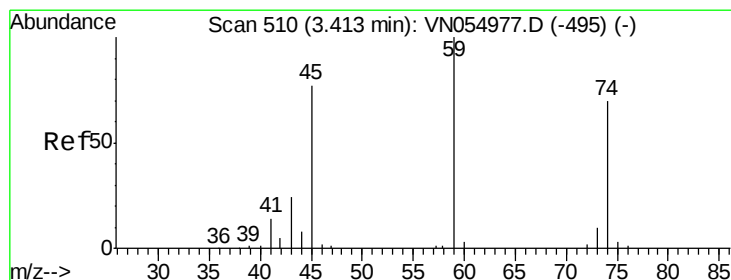
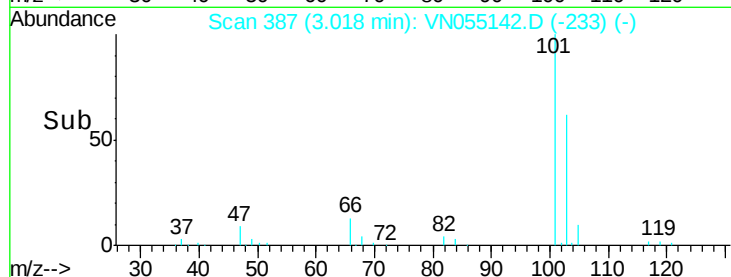
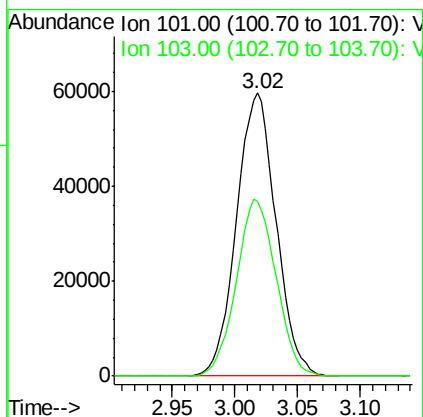
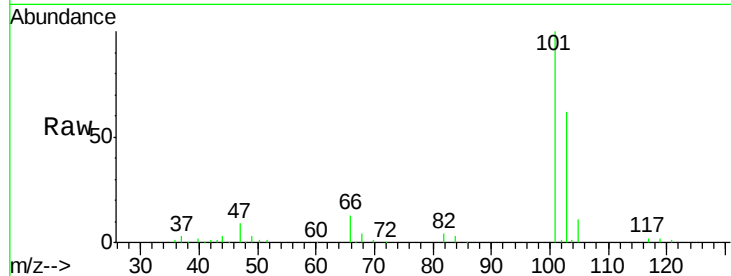
Trichlorofluoromethane
 Concen: 20.940 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
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 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	53.4	80.0

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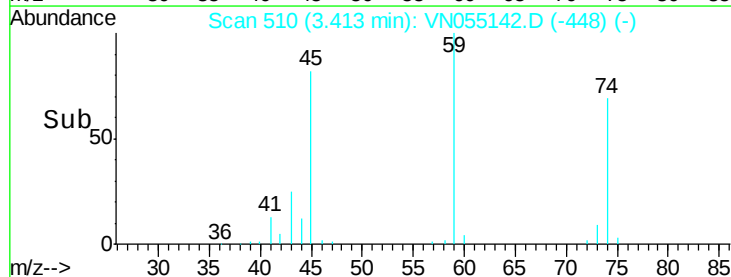
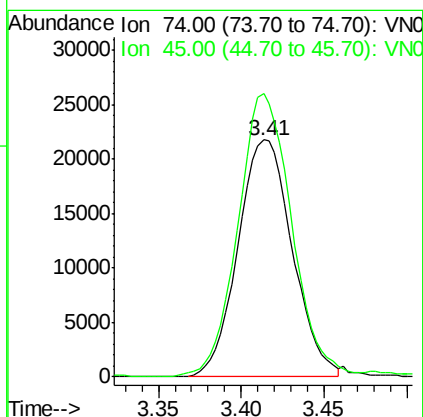
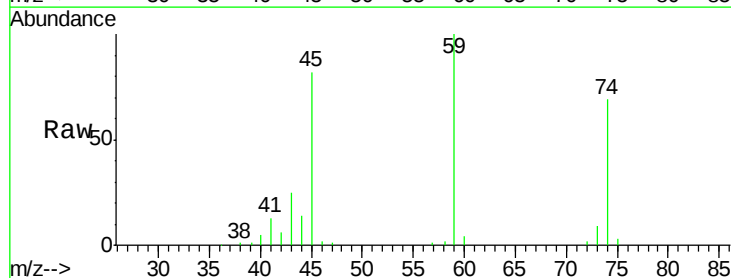
MMDadoda
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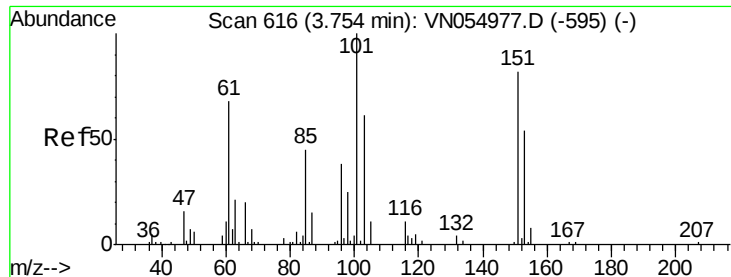


#8

Diethyl Ether
 Concen: 24.857 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.4	22.9	205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.560 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.01 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

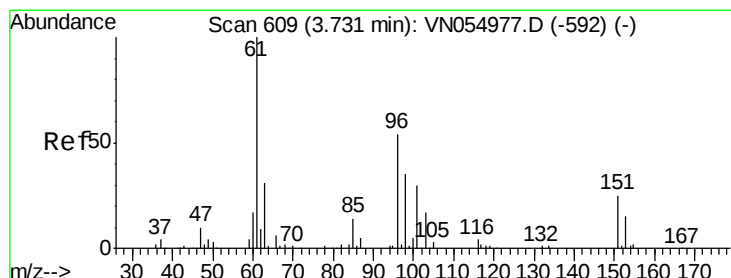
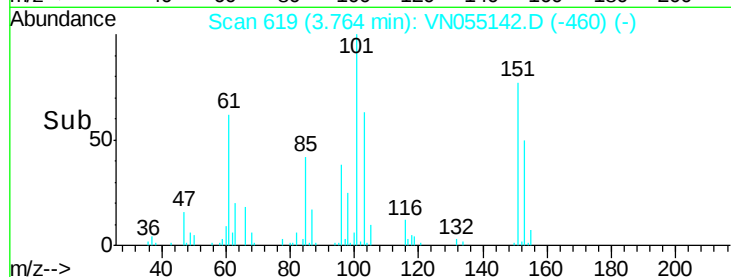
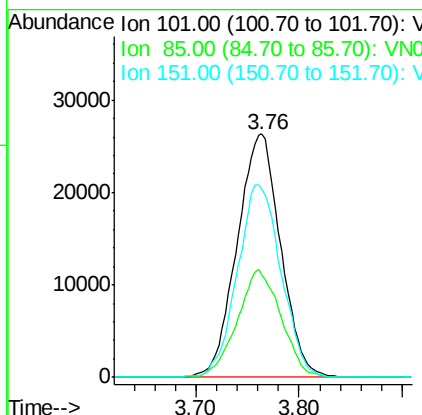
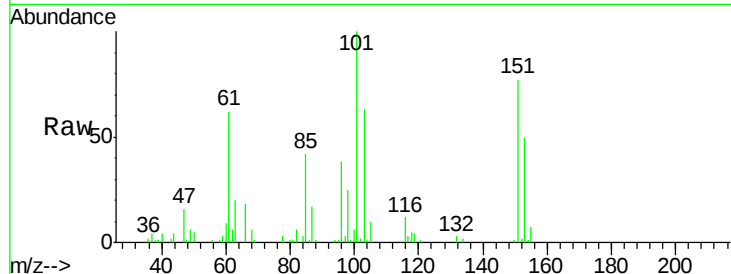
ClientSampled :

VN0419WBSD01

Tot Ion:	101	Resp:	77003
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	91.4
151	79.8	0.0	165.6

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4/22/2019 10:06:49 AM



#10

1,1-Dichloroethene

Concen: 23.241 ug/l

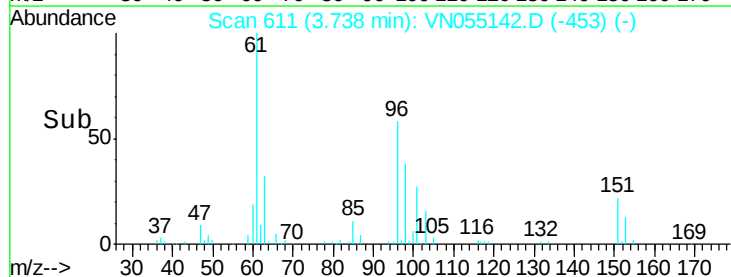
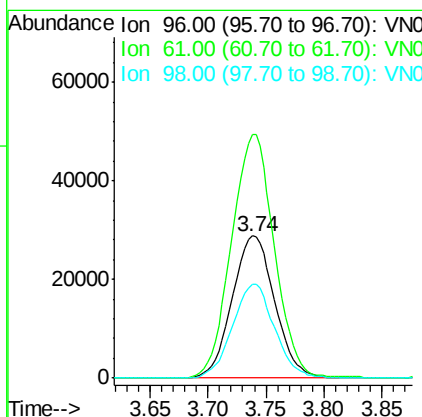
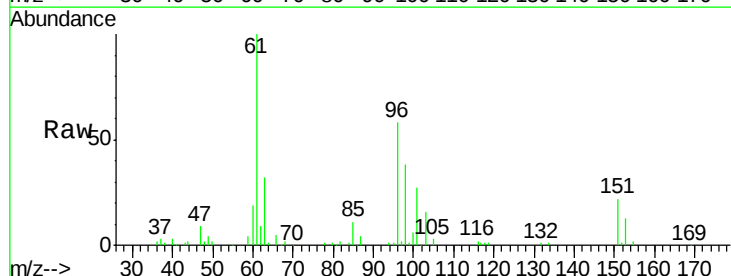
RT: 3.74 min Scan# 611

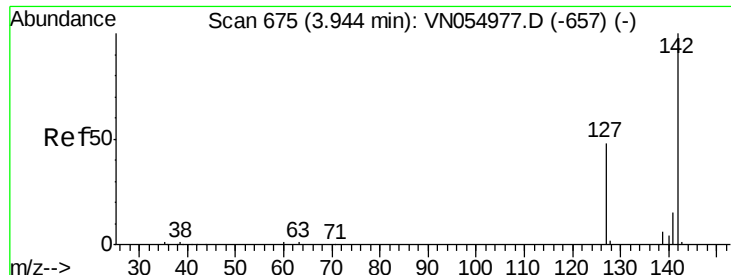
Delta R.T. 0.01 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	96	Resp:	73341
Ion Ratio	Lower	Upper	
96	100		
61	171.1	148.4	222.6
98	65.7	52.2	78.2





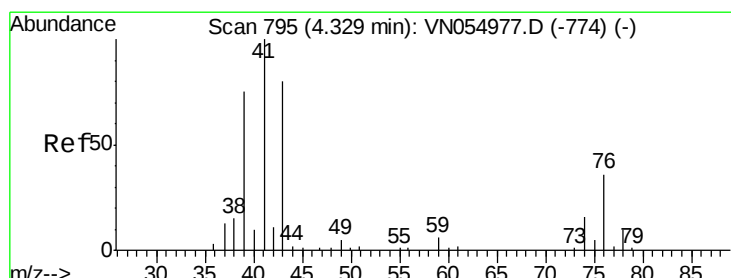
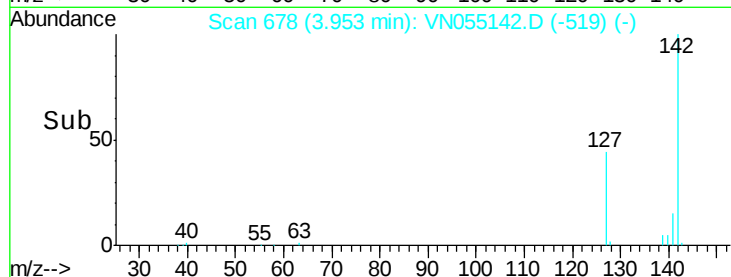
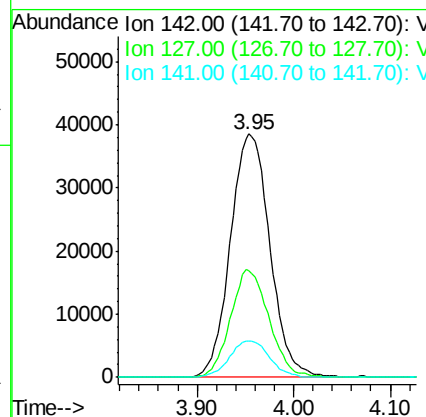
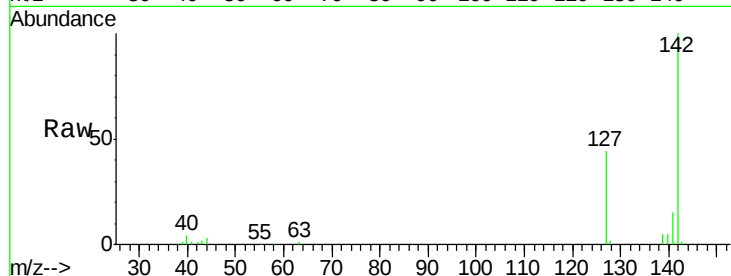
#11
Methyl Iodide
Concen: 22.911 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.9	23.8	71.5
141	14.8	7.3	22.0

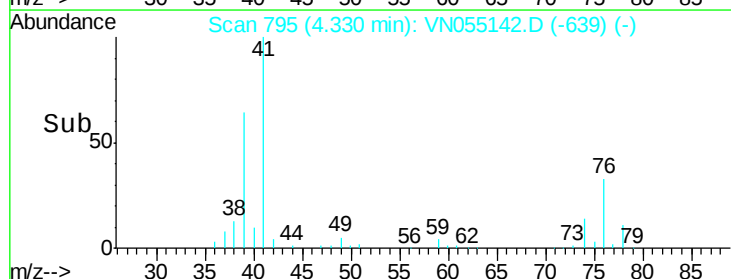
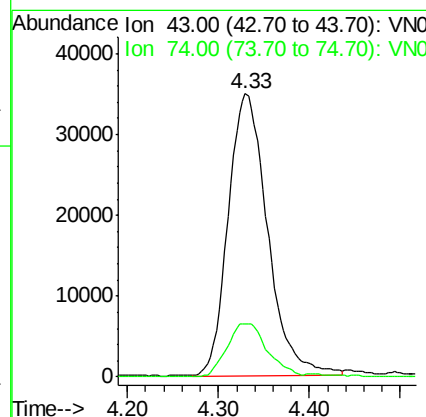
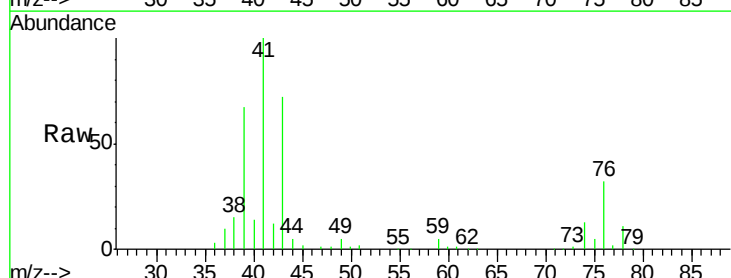
Manual Integrations
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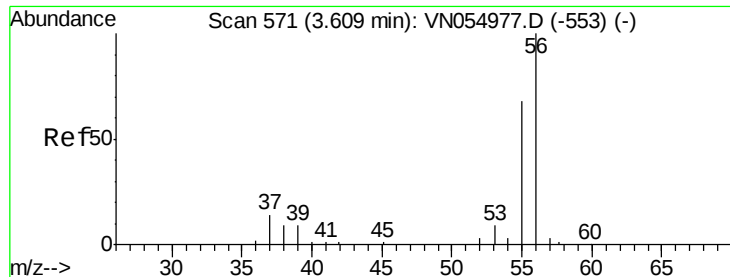
MMDadoda
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#12
Methyl Acetate
Concen: 27.062 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.6	16.2	24.4





#13

Acrolein

Concen: 103.235 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD01

Tot Ion: 56 Resp: 35119

Ion Ratio Lower Upper

56 100

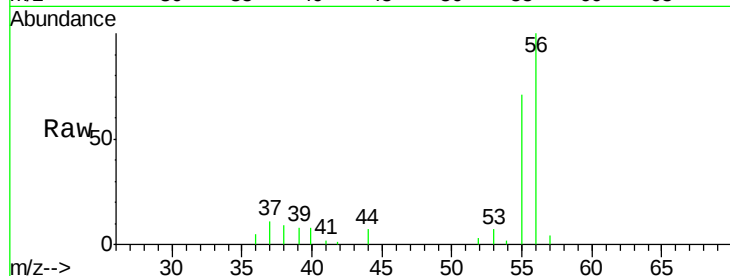
55 74.2 57.0 85.4

Manual Integrations

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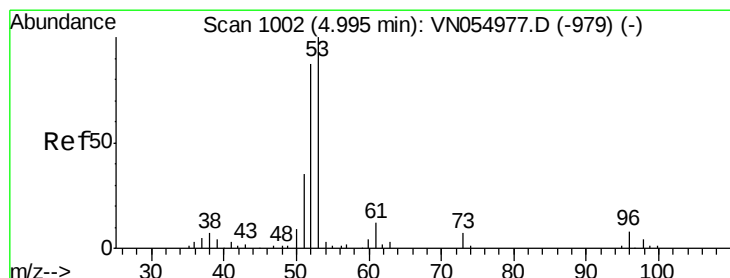
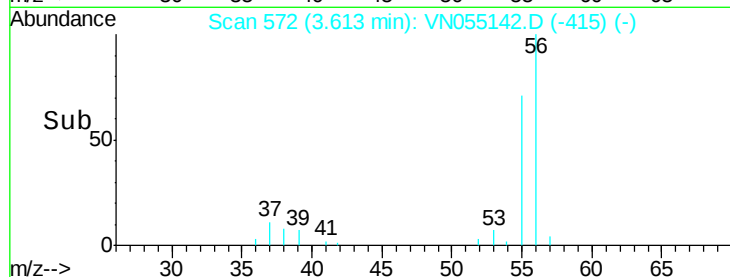
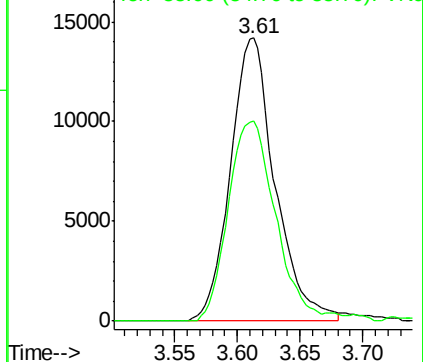
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 121.111 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

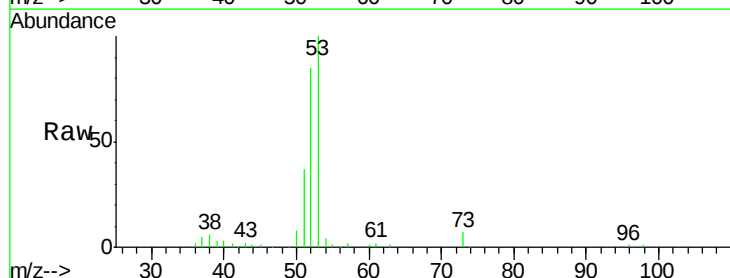
Tgt Ion: 53 Resp: 192598

Ion Ratio Lower Upper

53 100

52 83.3 42.3 126.8

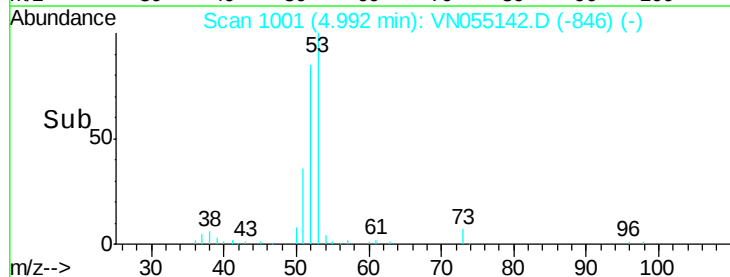
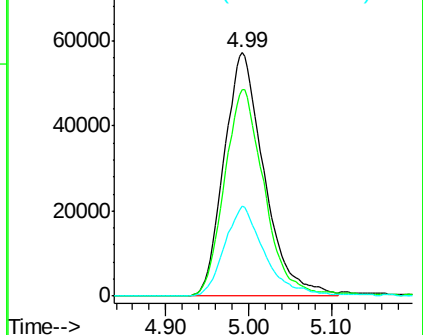
51 35.4 18.6 56.0

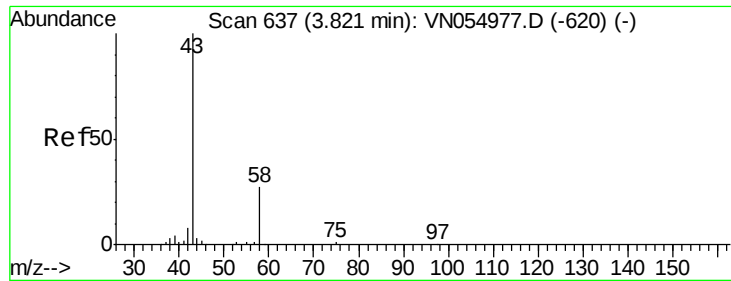


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 112.477 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tot Ion: 58 Resp: 44261

Ion Ratio Lower Upper

58 100

43 329.8 297.2 445.8

Instrument :

MSVOA_N

ClientSampleId :

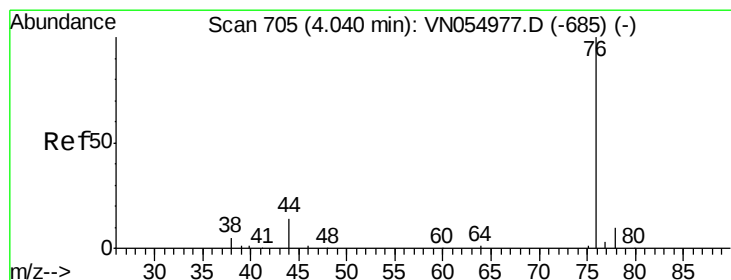
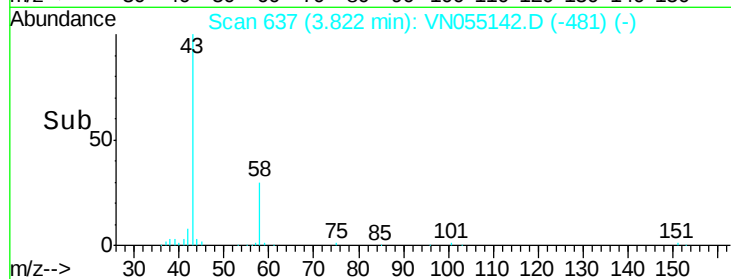
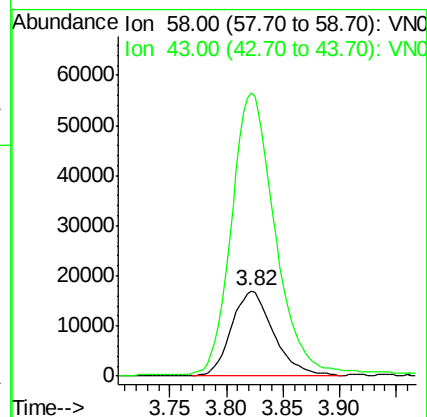
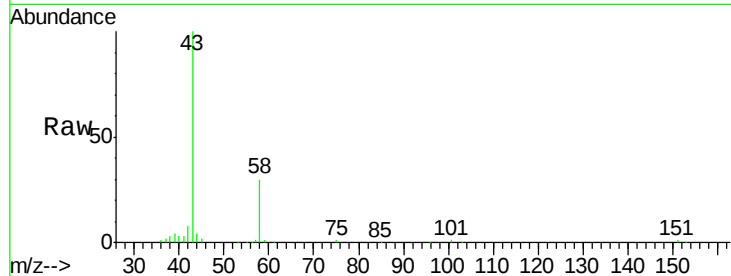
VN0419WBSD01

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#16

Carbon Disulfide

Concen: 18.058 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.01 min

Lab File: VN055142.D

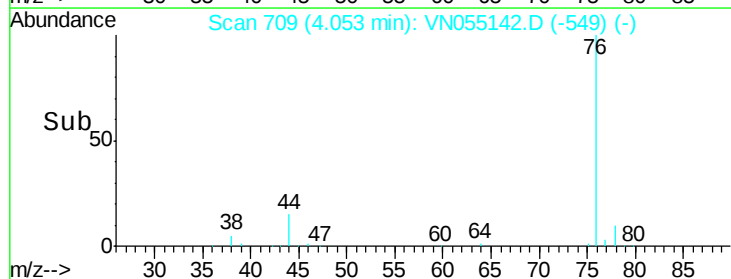
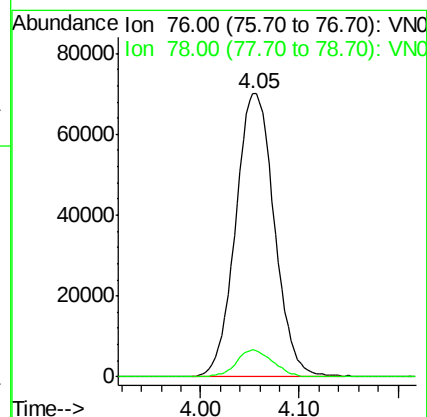
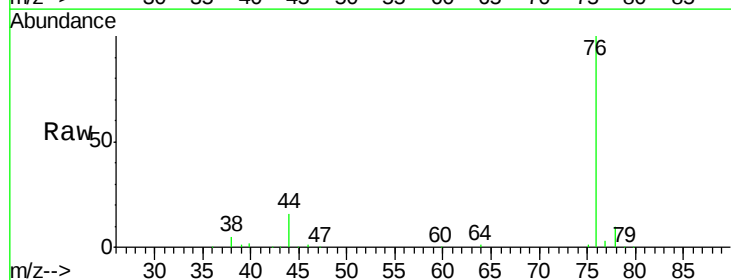
Acq: 19 Apr 2019 15:13

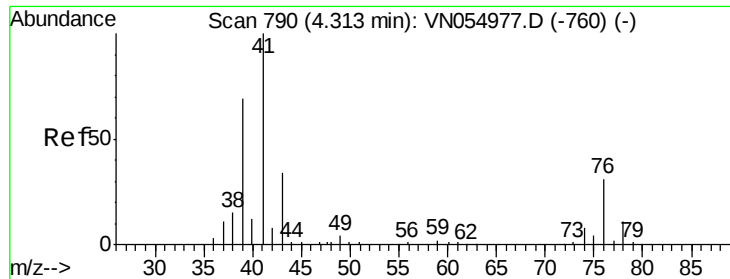
Tgt Ion: 76 Resp: 191143

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6





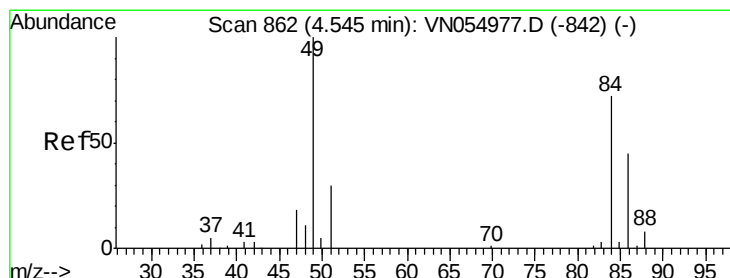
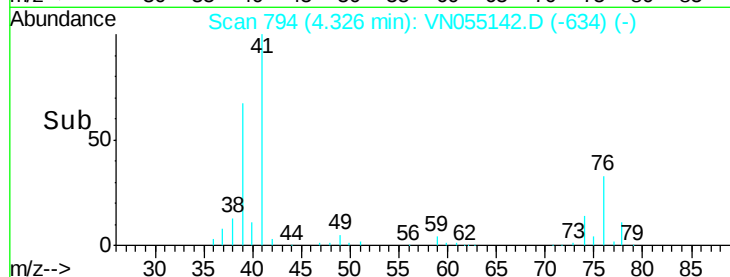
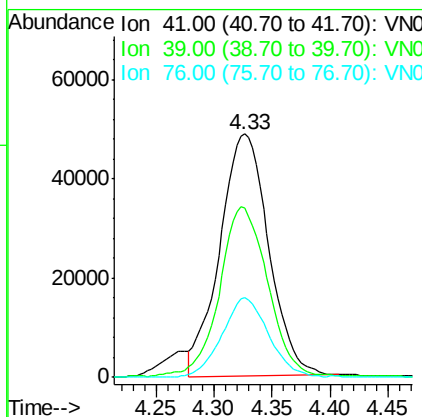
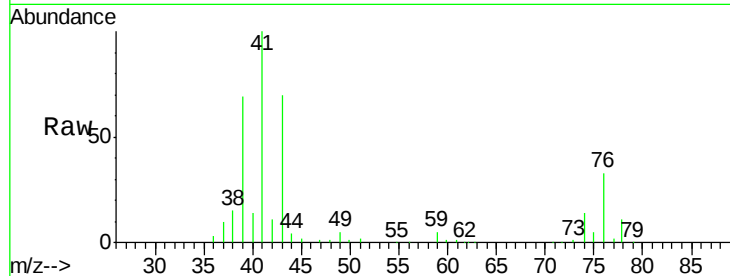
#17
Allvl chloride
Concen: 18.390 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.2	34.3	102.9
76	32.5	15.8	47.3

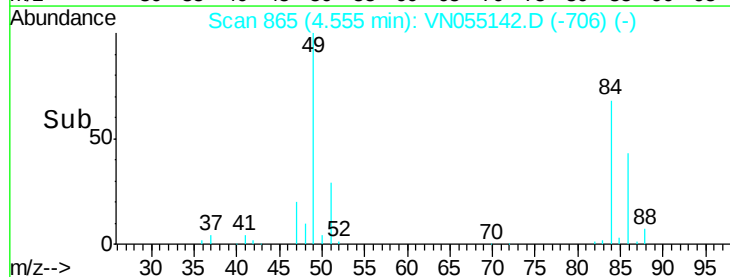
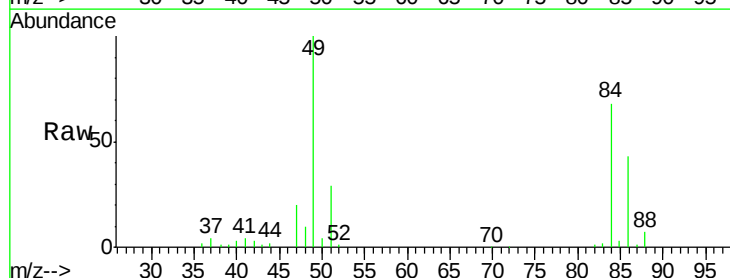
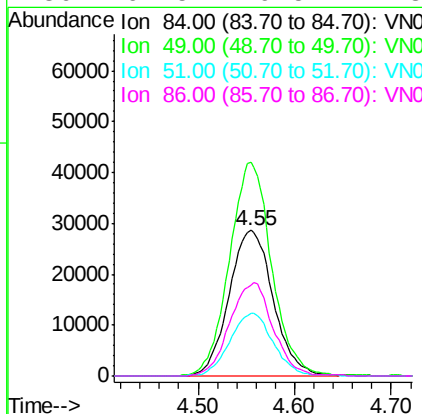
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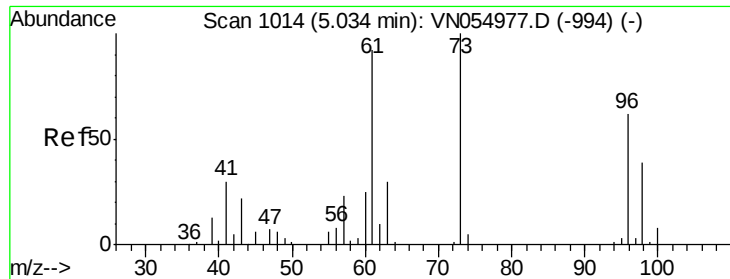
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#18
Methylene Chloride
Concen: 19.427 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.9	111.0	166.4
51	42.2	33.4	50.2
86	62.5	49.5	74.3





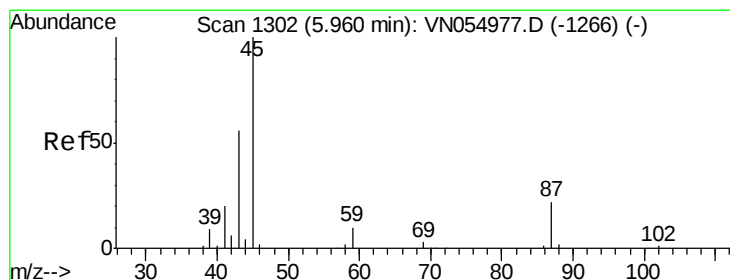
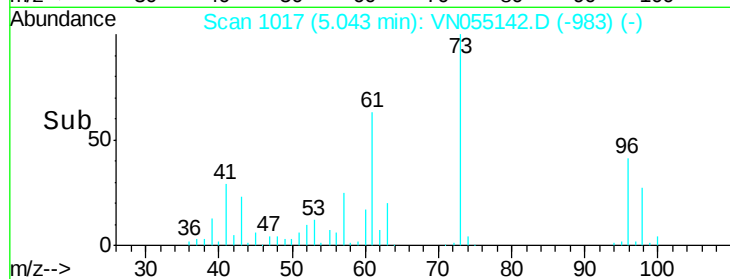
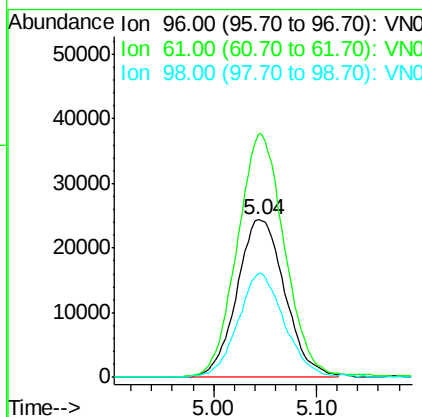
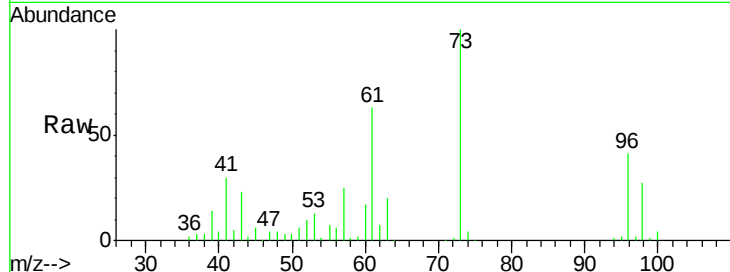
#19
trans-1,2-Dichloroethene
Concen: 19.236 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.5	117.2	175.8
98	66.1	49.4	74.2

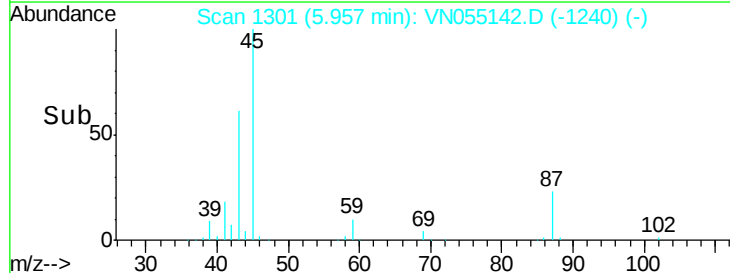
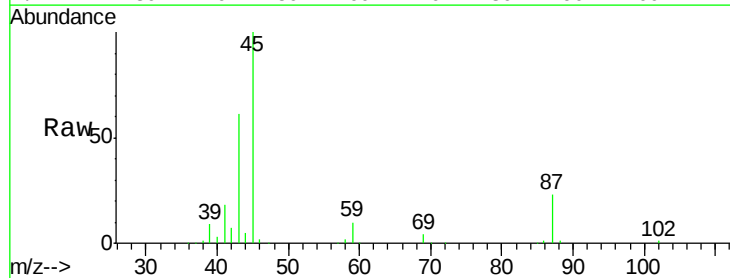
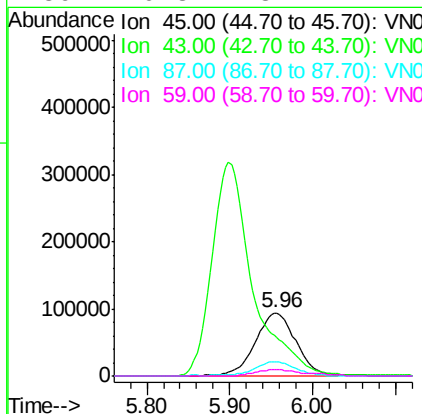
Manual Integrations
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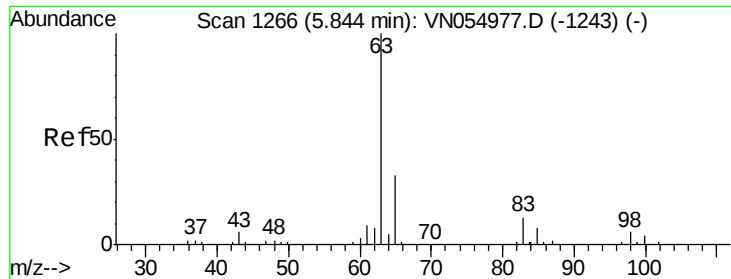
MMDadoda
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#20
Diisopropyl ether
Concen: 20.439 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.8	68.8
87	22.4	18.2	27.4
59	10.3	8.2	12.2





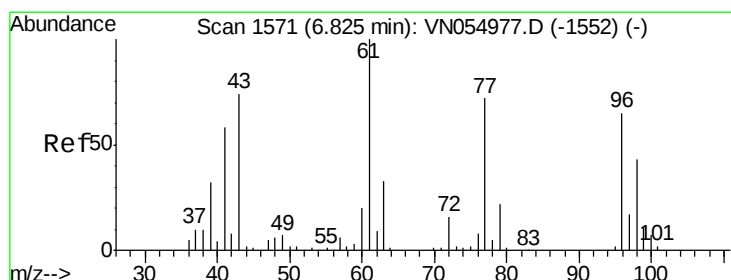
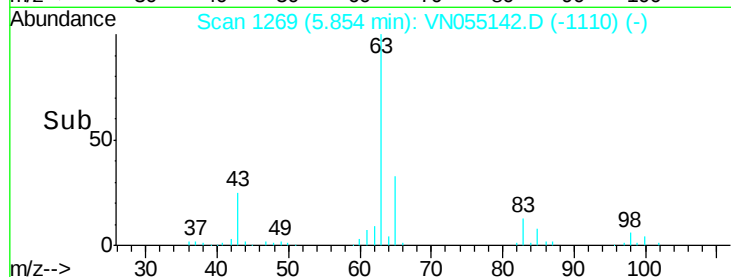
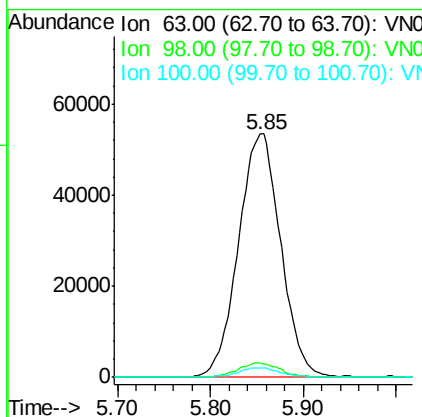
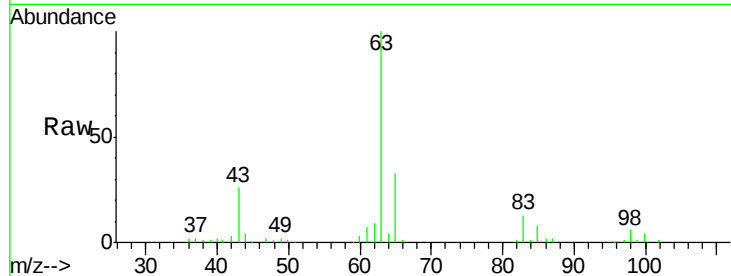
#21
 1,1-Dichloroethane
 Concen: 20.084 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampled :
 VN0419WBSD01

Tot Ion:	63	Resp:	168884
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.9	8.7
100	3.9	2.0	5.8

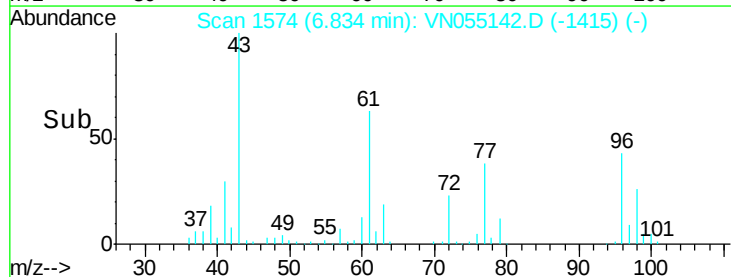
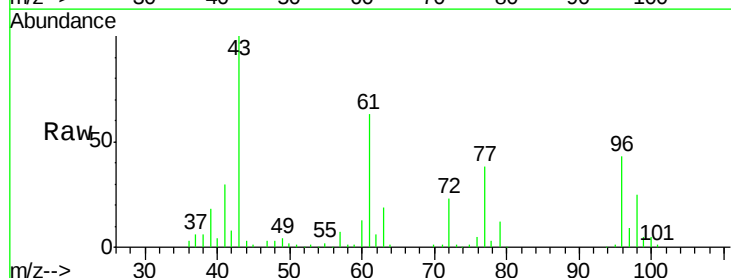
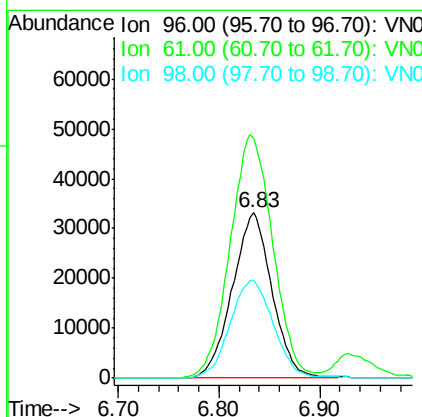
Manual Integrations
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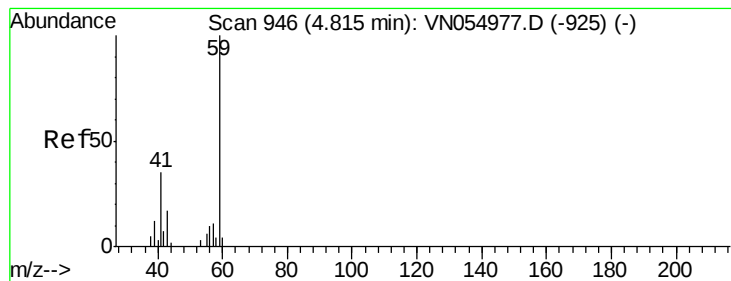
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#22
 cis-1,2-Dichloroethene
 Concen: 18.973 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion:	96	Resp:	90593
Ion Ratio	Lower	Upper	
96	100		
61	157.9	125.0	187.6
98	64.0	52.2	78.2





#23

tert-Butyl Alcohol

Concen: 154.554 ug/l m

RT: 4.79 min Scan# 938

Delta R.T. -0.03 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD01

Tot Ion: 59 Resp: 39190

Ion Ratio Lower Upper

59 100

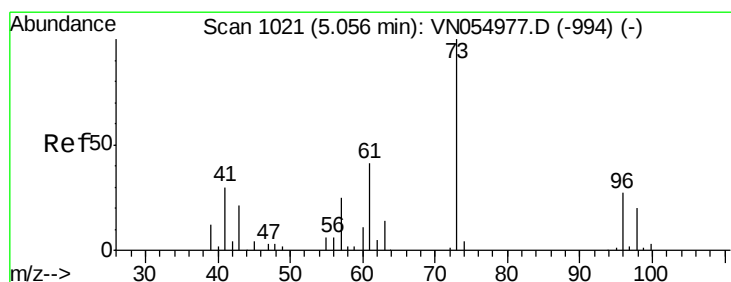
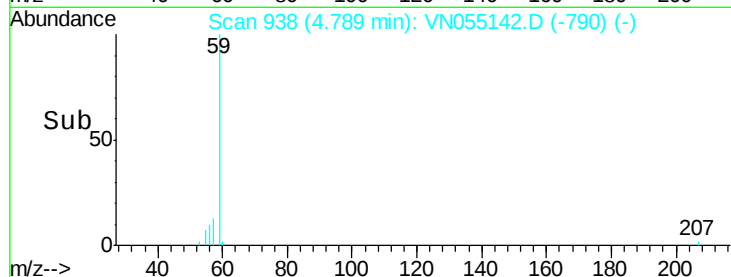
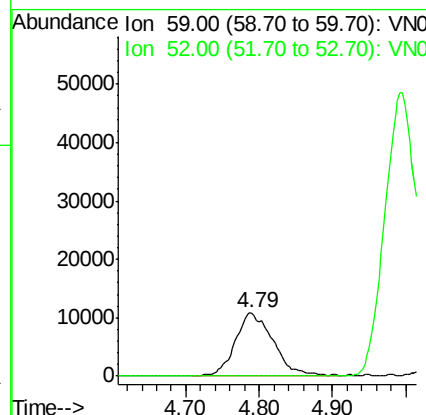
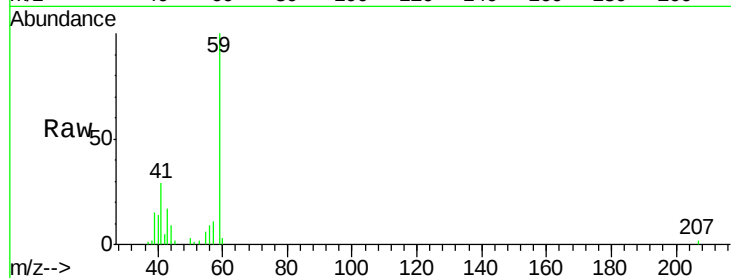
52 0.0 0.0 0.0

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#24

Methyl tert-Butyl Ether

Concen: 21.992 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VN055142.D

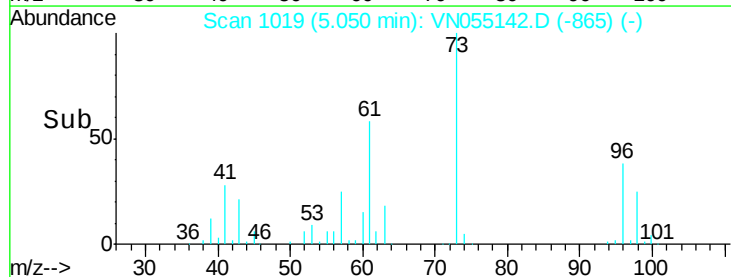
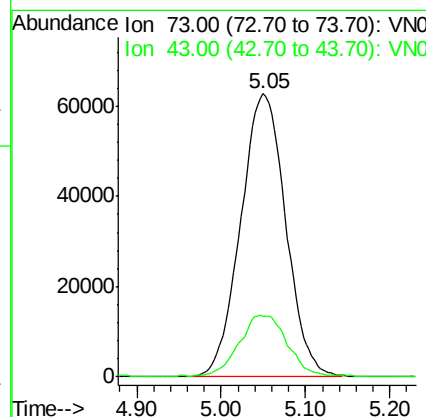
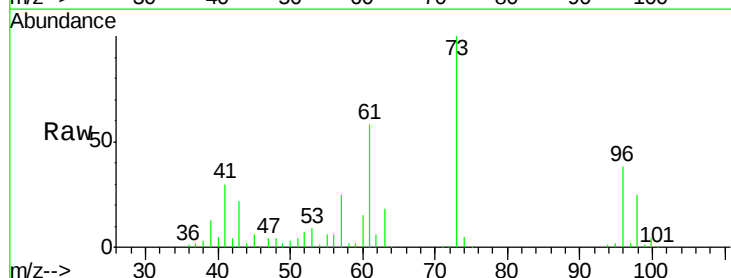
Acq: 19 Apr 2019 15:13

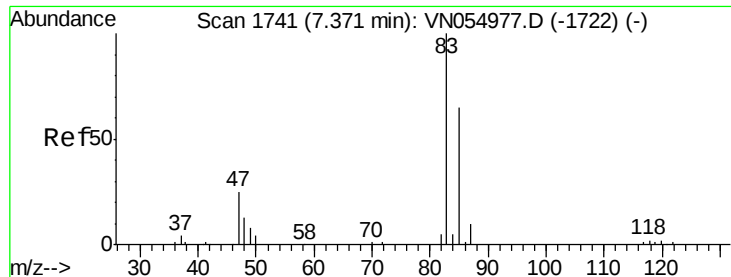
Tgt Ion: 73 Resp: 233034

Ion Ratio Lower Upper

73 100

43 22.7 8.0 12.0#





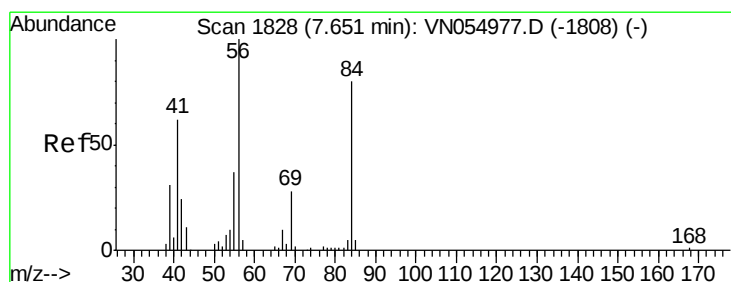
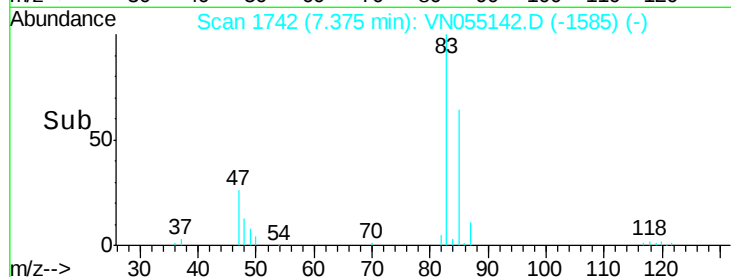
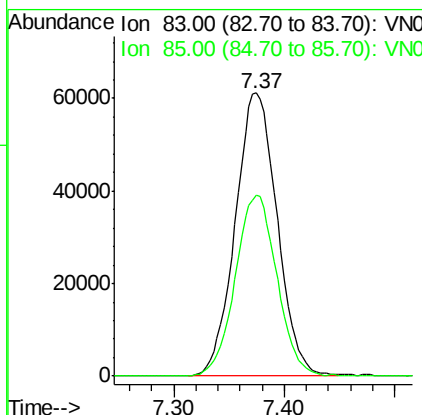
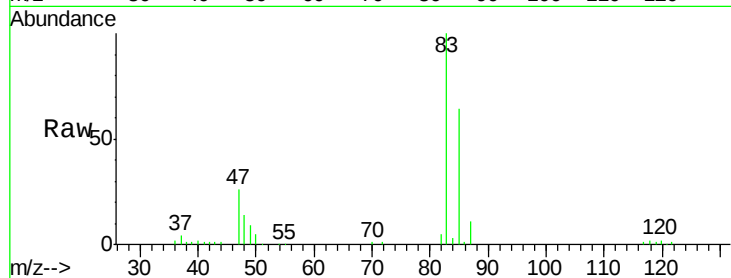
#25
Chloroform
Concen: 19.981 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampled :
VN0419WBSD01

Tot Ion	83	Resp	160944
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.8	77.8

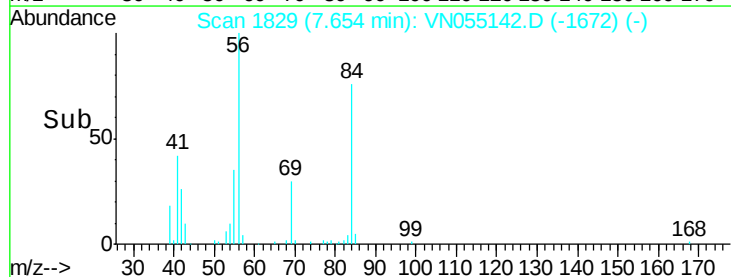
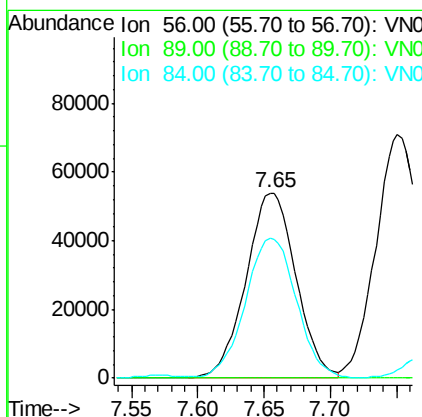
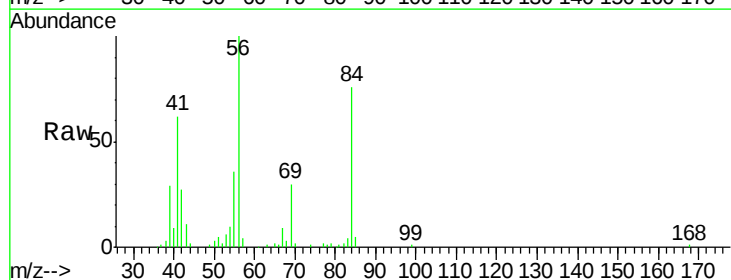
Manual Integrations
APPROVED

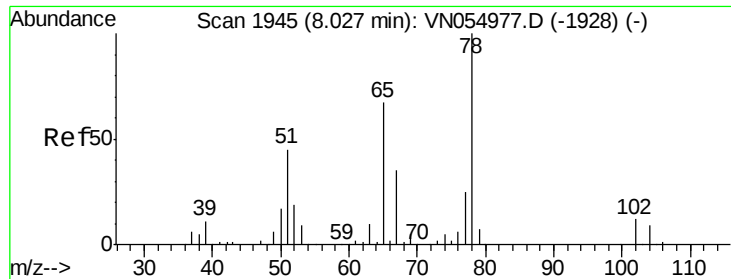
MMDadoda
4/22/2019 10:06:49 AM



#26
Cyclohexane
Concen: 18.137 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	56	Resp	141508
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	77.6	63.5	95.3





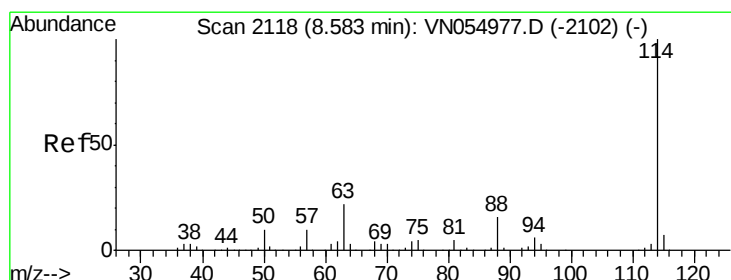
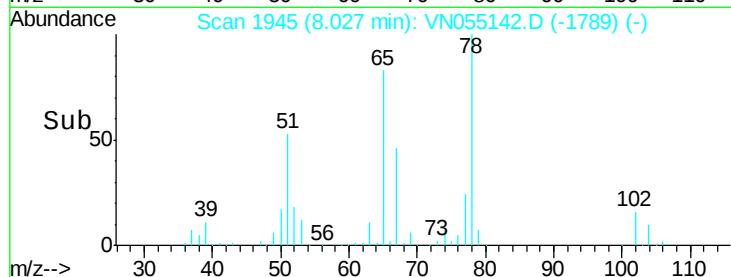
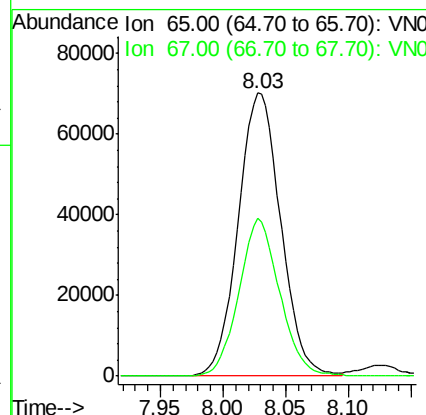
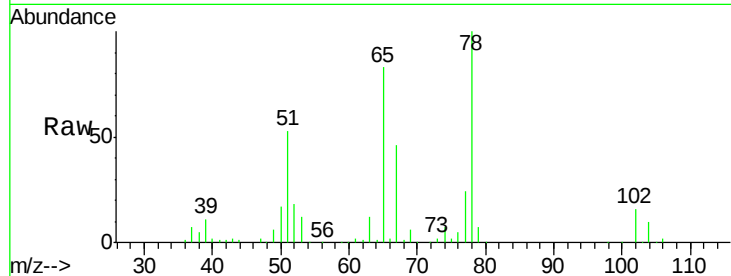
#27
 1,2-Dichloroethane-d4
 Concen: 18.137 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165697		
67	53.3	41.8	62.8	

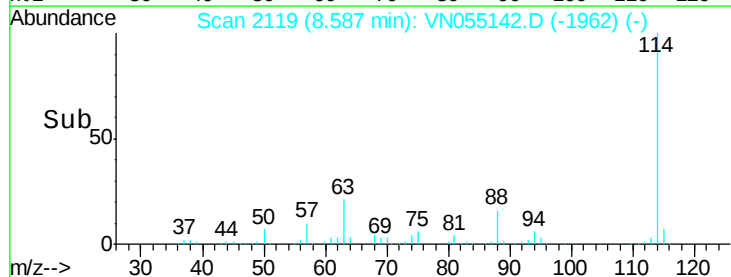
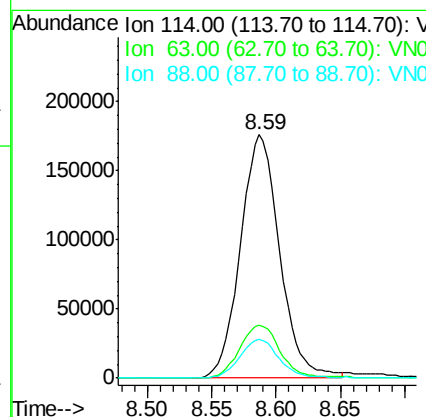
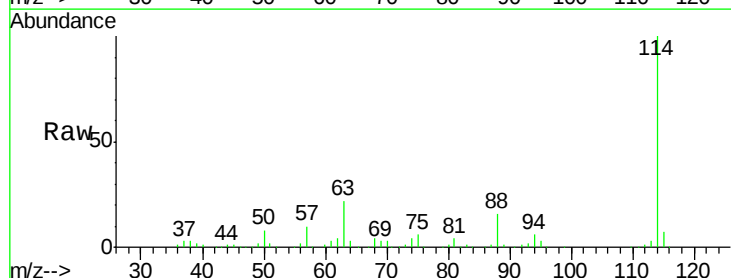
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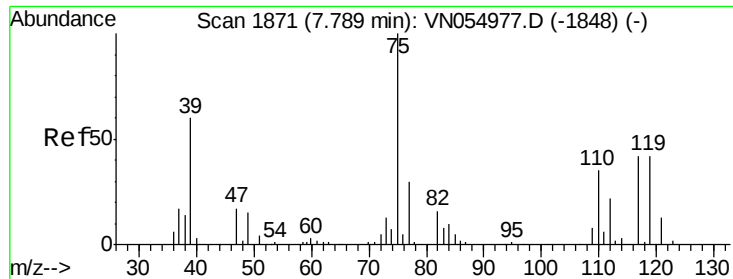
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	373486		
63	22.3	17.0	25.4	
88	16.0	12.3	18.5	





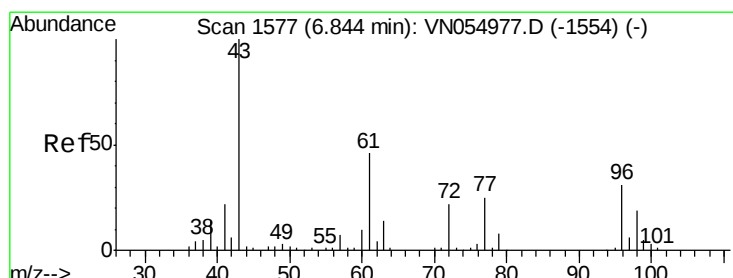
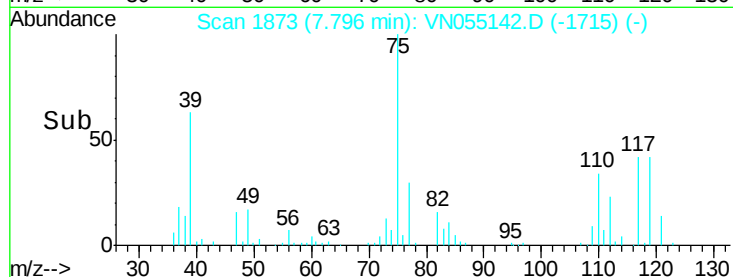
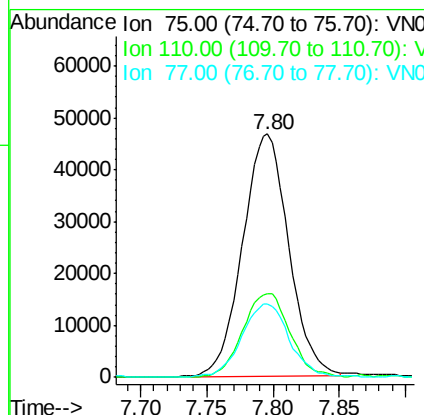
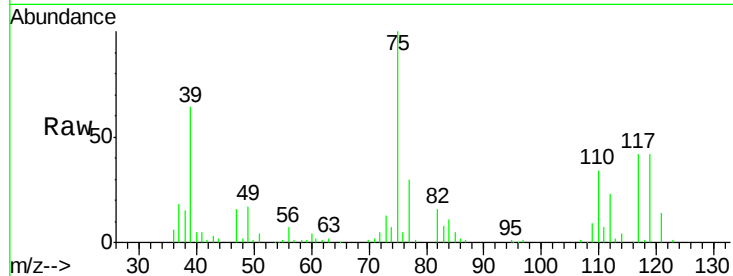
#29
 1,1-Dichloropropene
 Concen: 19.385 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.5	0.0	68.4
77	30.7	0.0	58.6

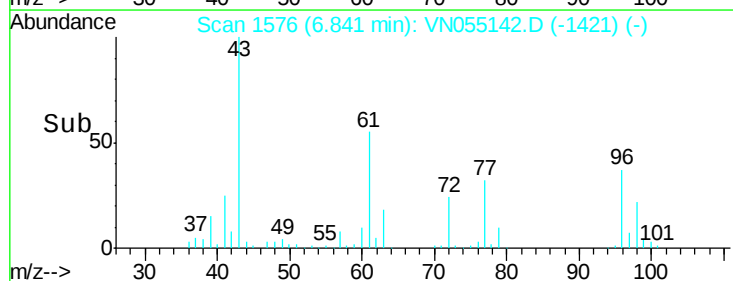
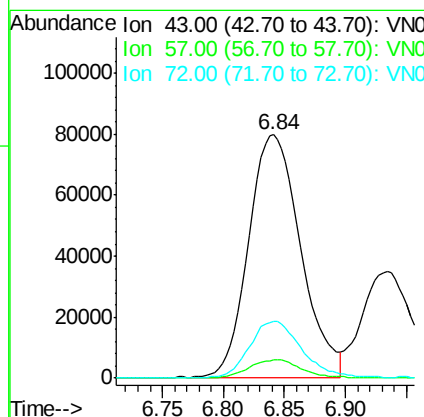
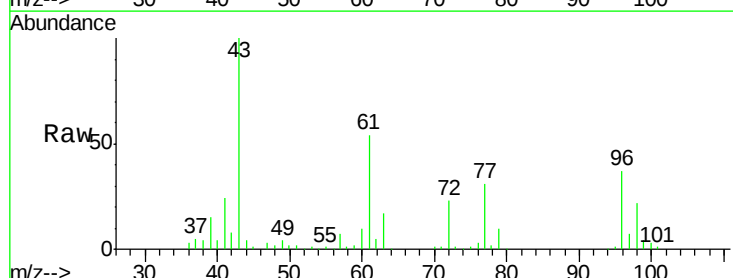
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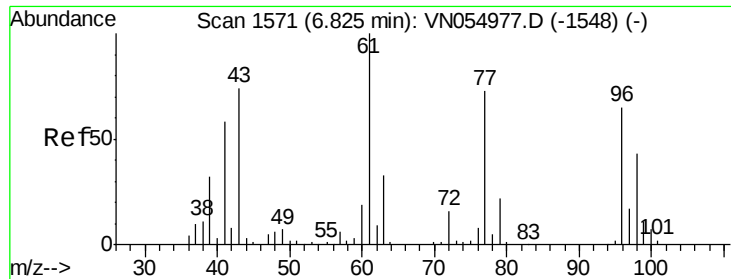
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 4/22/2019 10:06:49 AM



#30
 2-Butanone
 Concen: 121.655 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.5	6.0	9.0
72	23.5	18.6	27.8





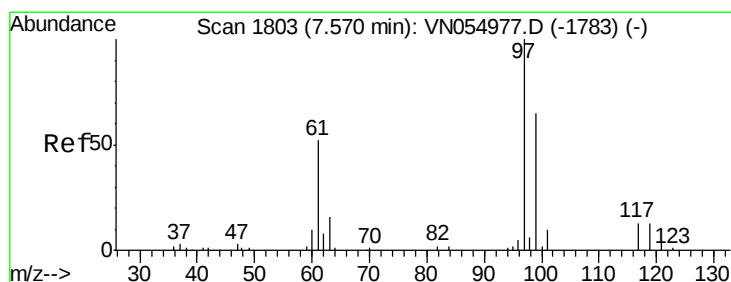
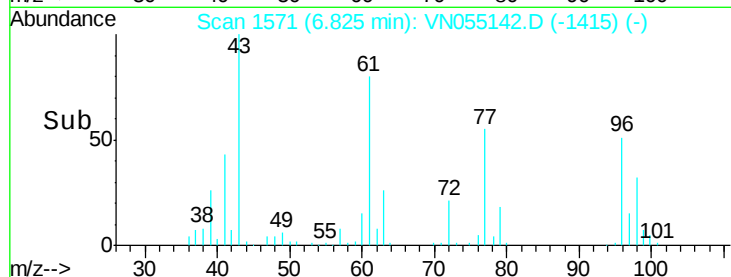
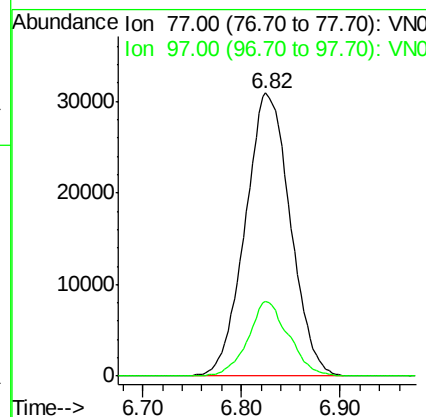
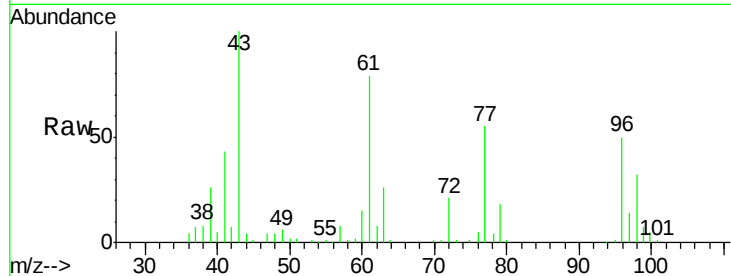
#31
 2,2-Dichloropropane
 Concen: 18.263 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion: 77 Resp: 97774
 Ion Ratio Lower Upper
 77 100
 97 23.8 0.0 0.0#

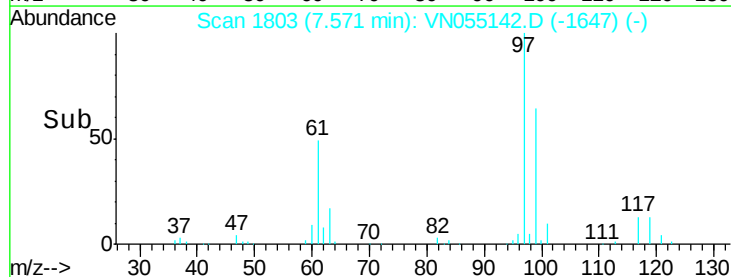
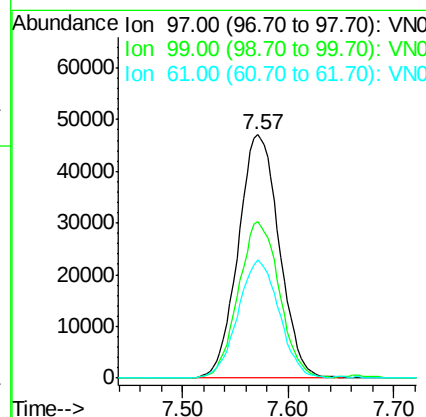
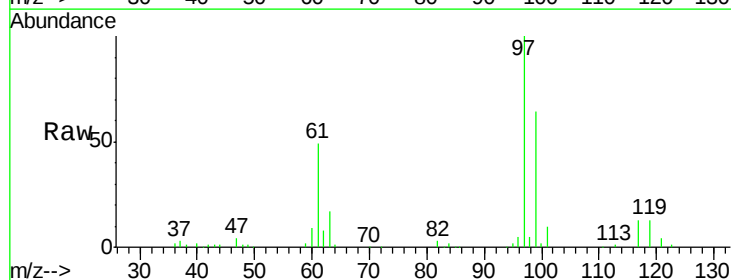
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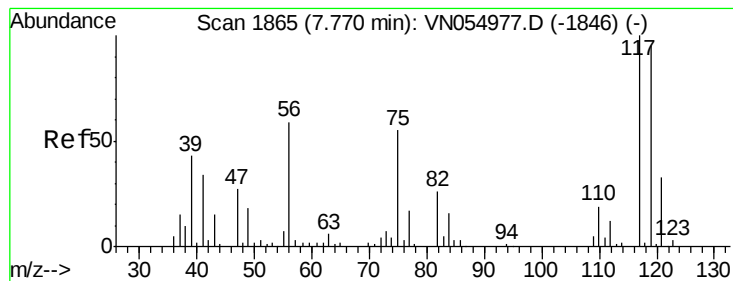
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#32
 1,1,1-Trichloroethane
 Concen: 20.732 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion: 97 Resp: 127459
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 48.6 40.6 60.8





#33

Carbon Tetrachloride

Concen: 19.942 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

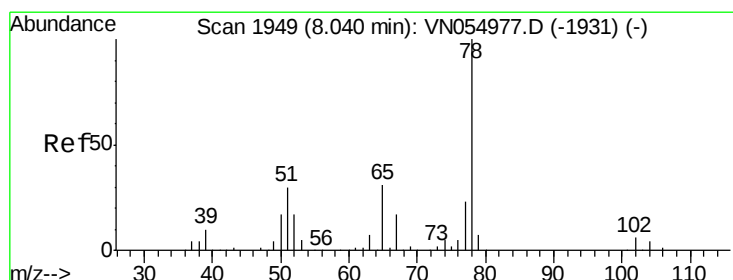
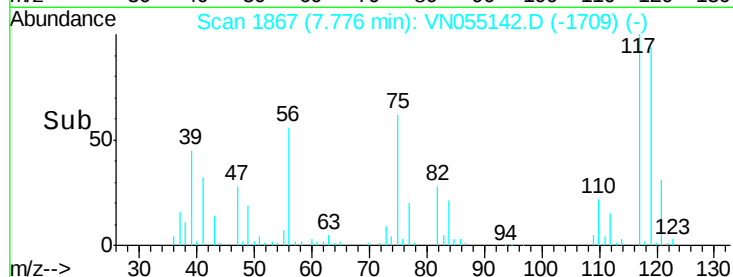
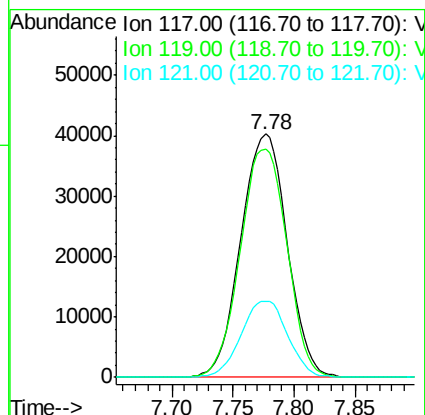
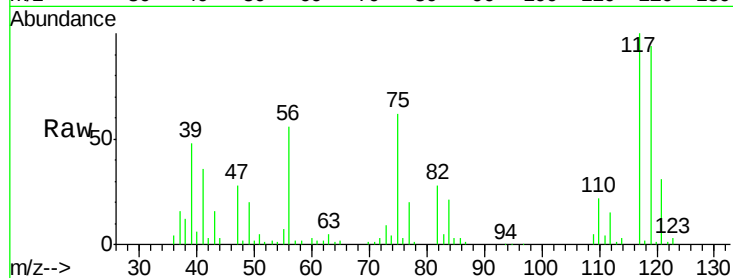
ClientSampleId :

VN0419WBSD01

Tot Ion:	117	Resp:	106147
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.1	114.1
121	30.9	26.2	39.4

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#34

Benzene

Concen: 20.584 ug/l

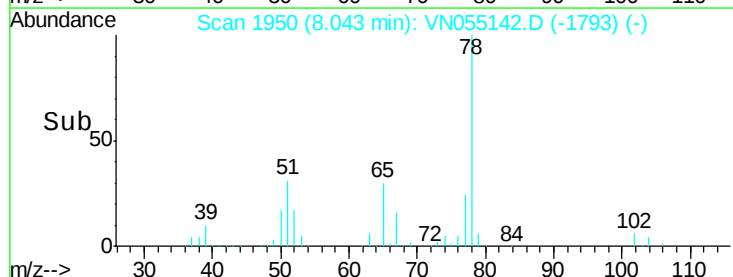
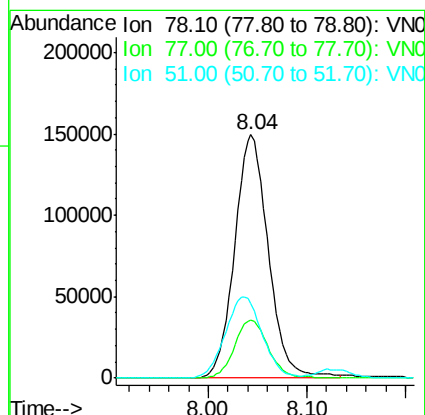
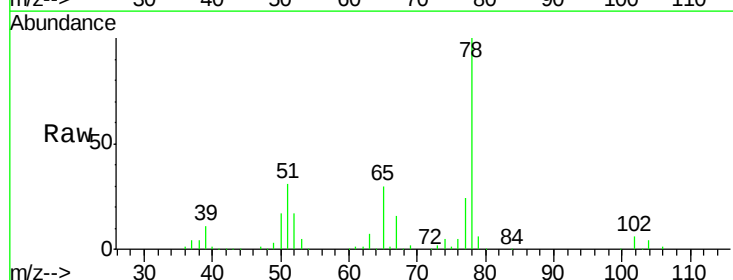
RT: 8.04 min Scan# 1950

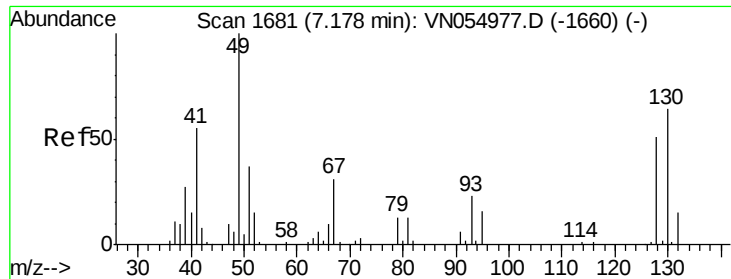
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	78	Resp:	354811
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.2	27.4
51	30.6	23.7	35.5





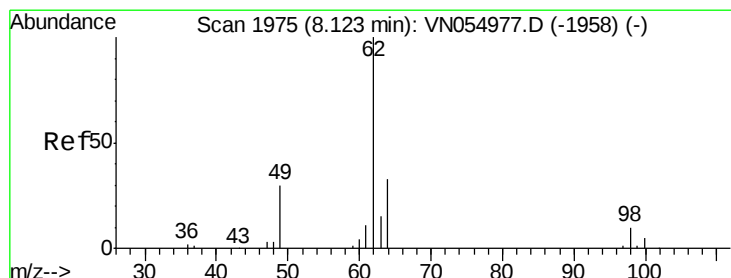
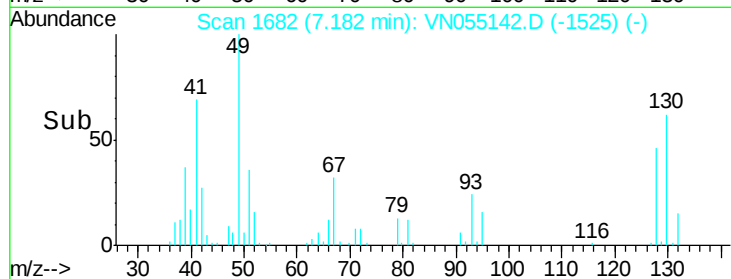
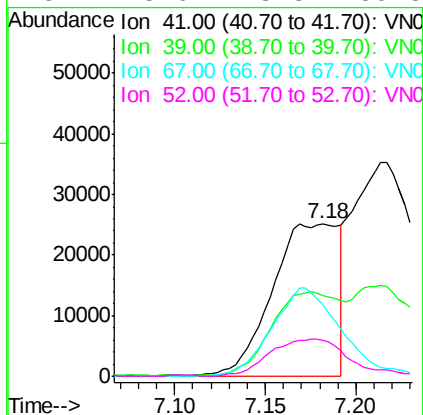
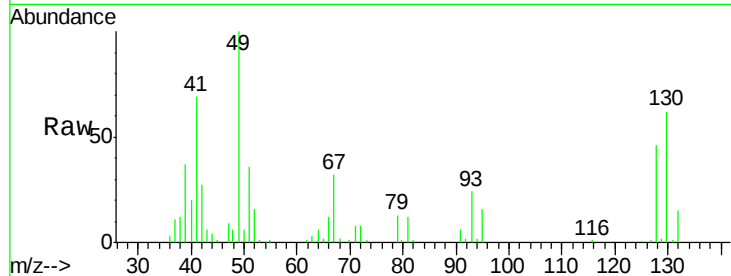
#35
Methacrylonitrile
Concen: 28.143 ug/l m
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion: 41 Resp: 64044
Ion Ratio Lower Upper
41 100
39 53.1 24.2 72.6
67 46.7 28.1 84.2
52 23.6 13.3 39.8

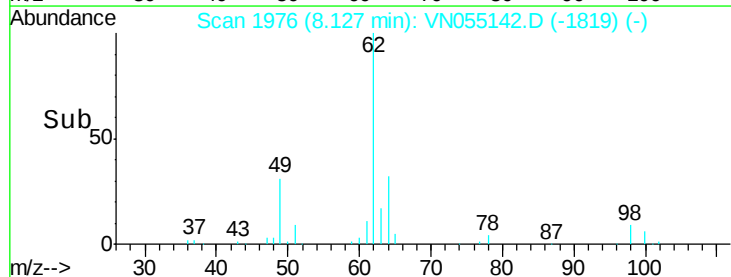
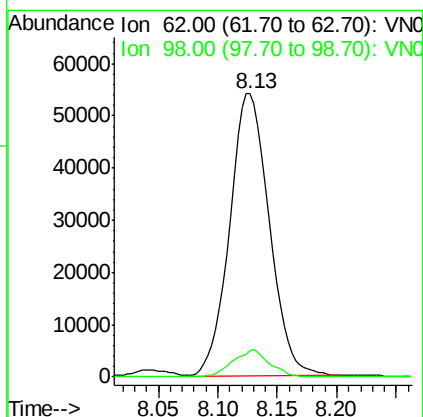
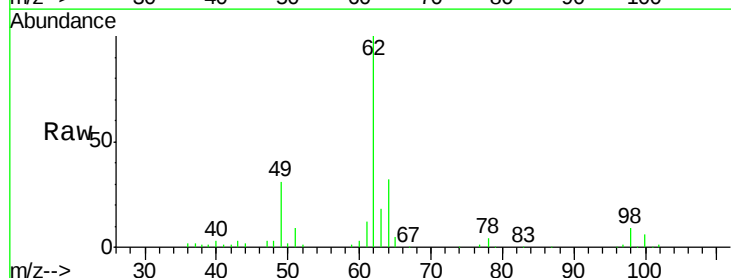
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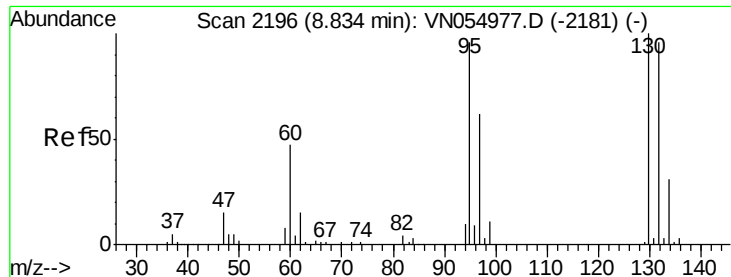
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#36
1,2-Dichloroethane
Concen: 21.190 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion: 62 Resp: 124831
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





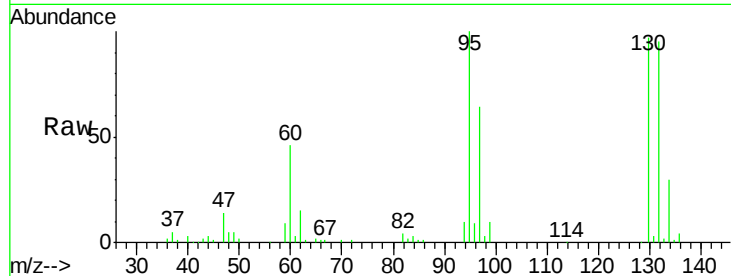
#37
 Trichloroethene
 Concen: 19.744 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

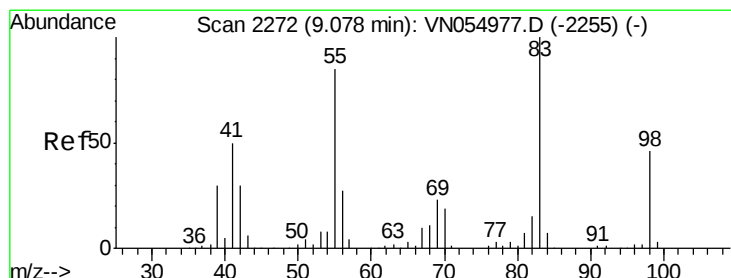
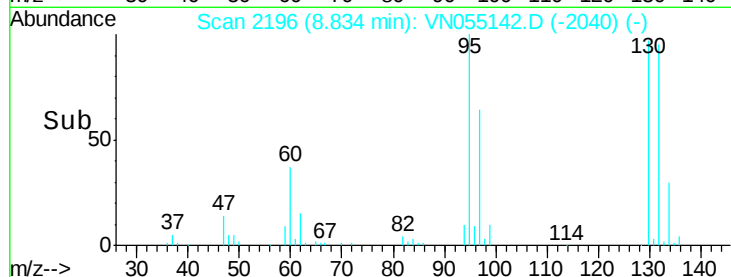
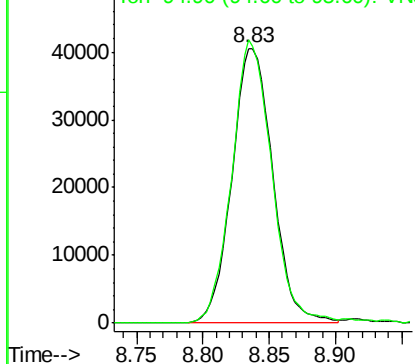
Tot Ion:130 Resp: 86760
 Ion Ratio Lower Upper
 130 100
 95 103.0 76.6 115.0

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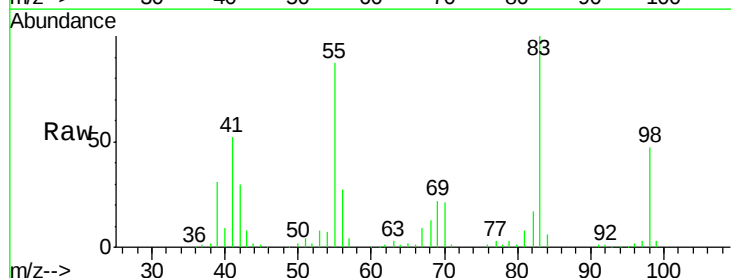


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

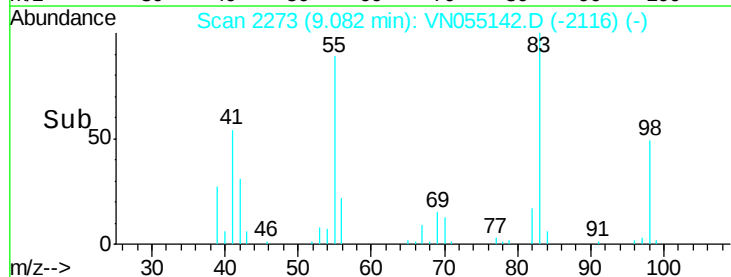
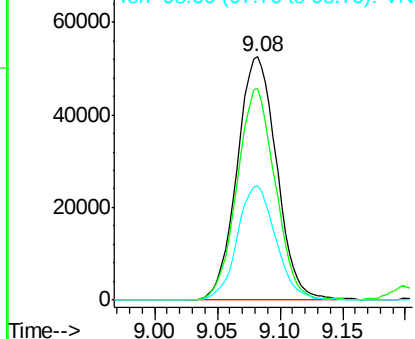


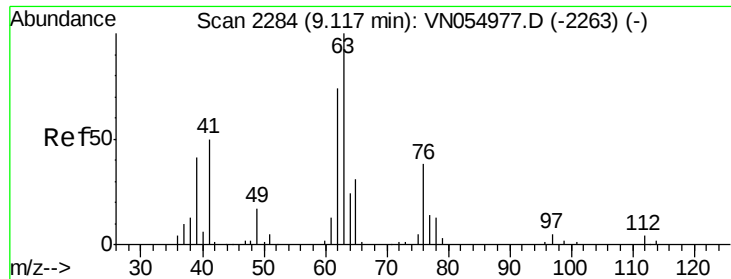
#38
 Methylcyclohexane
 Concen: 17.098 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion: 83 Resp: 115334
 Ion Ratio Lower Upper
 83 100
 55 83.8 41.9 125.6
 98 45.6 22.4 67.0



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





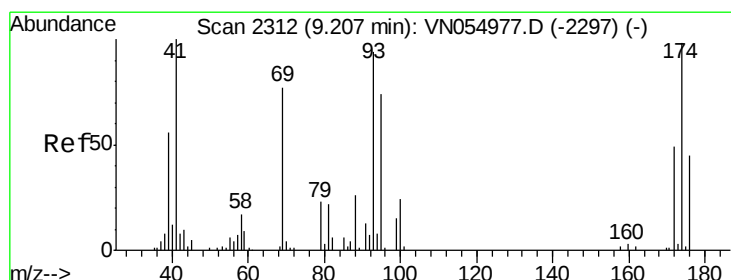
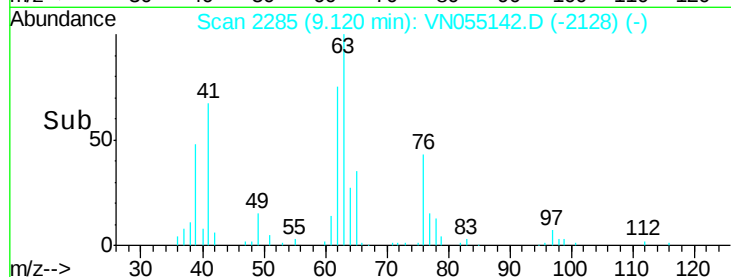
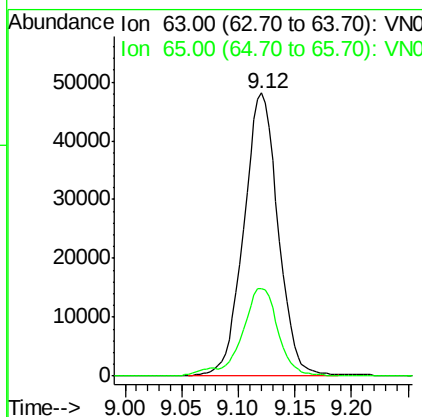
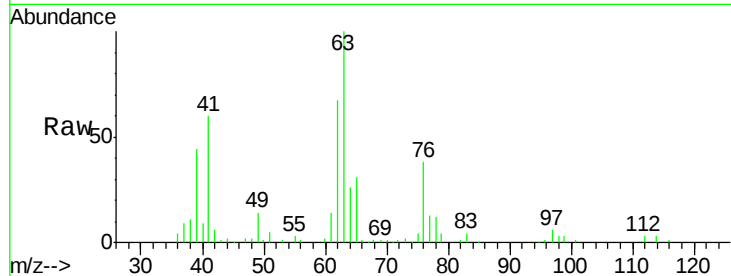
#39
 1,2-Dichloropropane
 Concen: 21.378 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion: 63 Resp: 101750
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

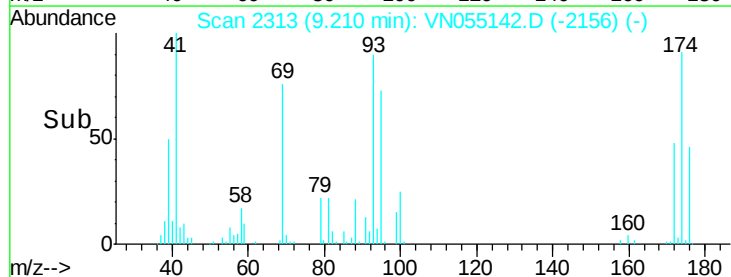
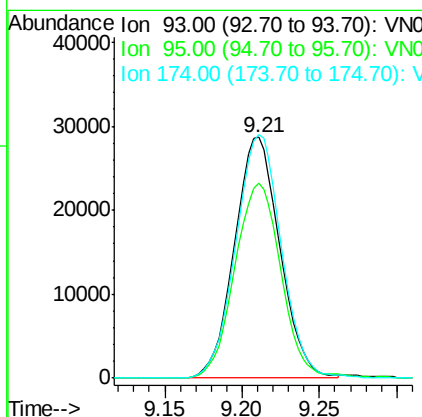
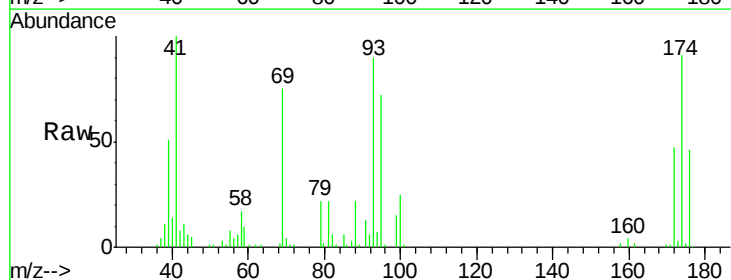
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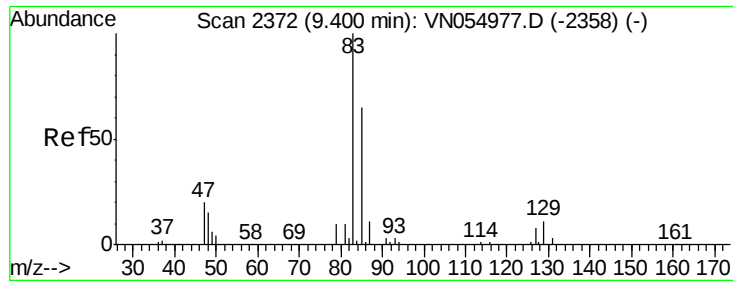
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#40
 Dibromomethane
 Concen: 21.778 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion: 93 Resp: 58588
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 160.8
 174 101.8 0.0 206.4





#41

Bromodichloromethane

Concen: 20.592 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

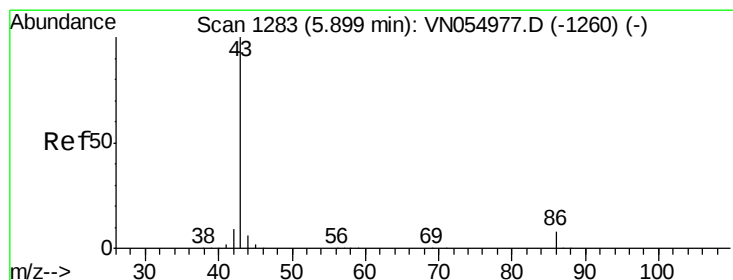
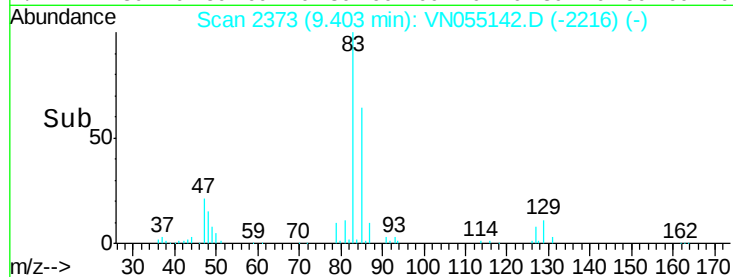
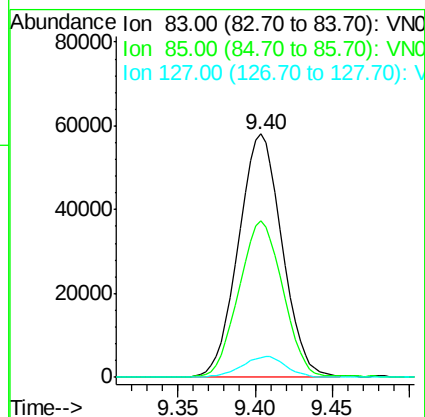
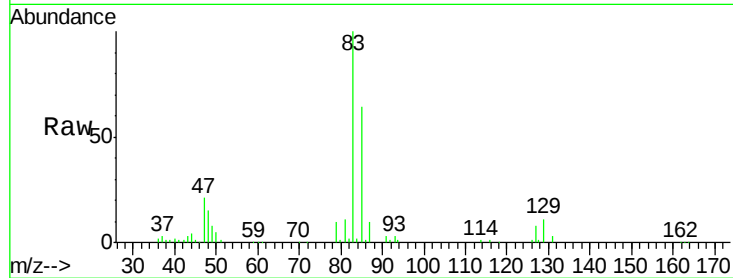
ClientSampleId :

VN0419WBSD01

Tot Ion:	83	Resp:	114332
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.0	78.0
127	9.1	7.2	10.8

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#42

Vinyl Acetate

Concen: 111.731 ug/l

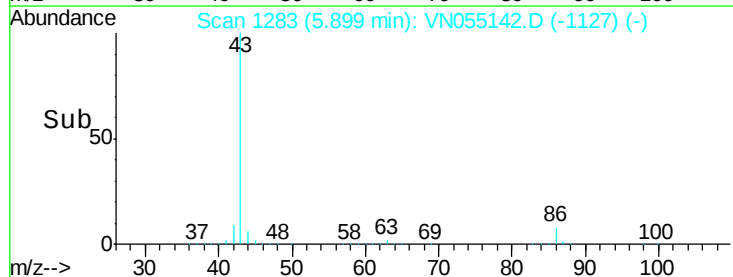
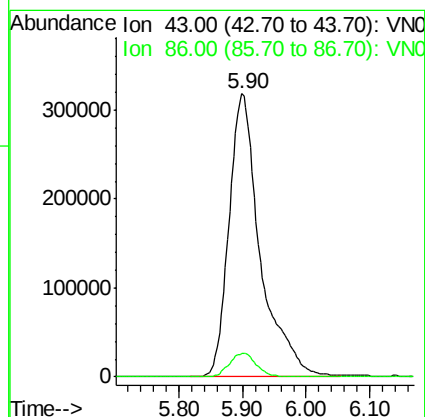
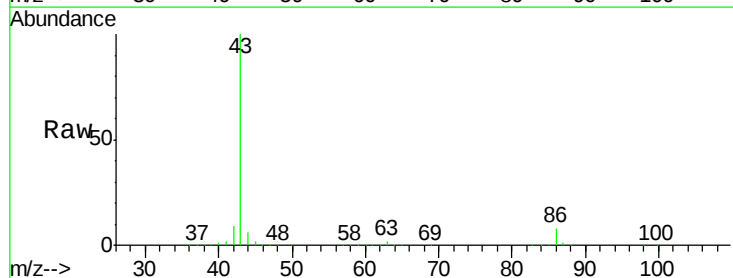
RT: 5.90 min Scan# 1283

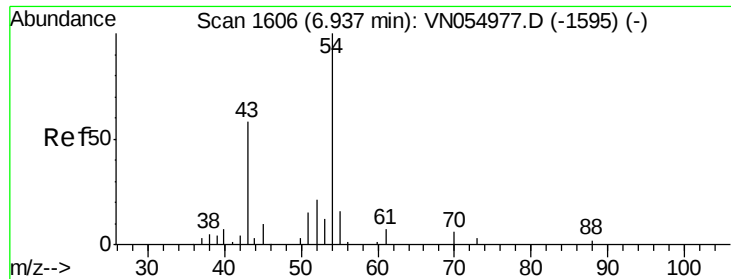
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	43	Resp:	1090615
Ion Ratio	Lower	Upper	
43	100		
86	7.3	5.7	8.5





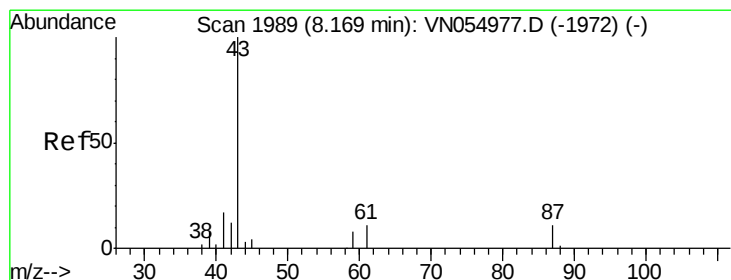
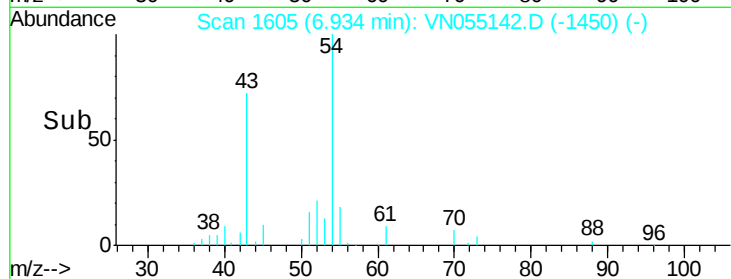
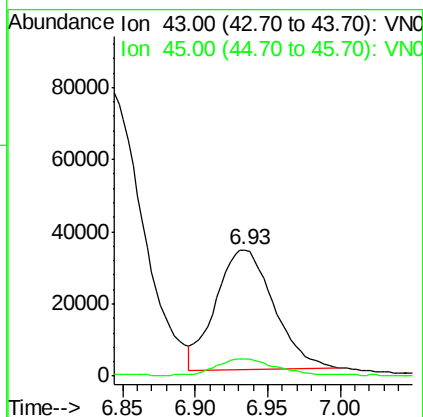
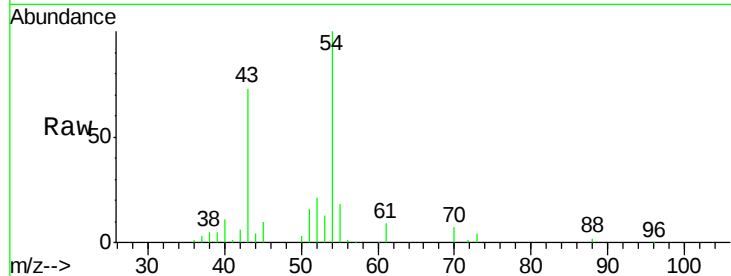
#43
Ethyl Acetate
Concen: 23.625 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion: 43 Resp: 92926
Ion Ratio Lower Upper
43 100
45 13.6 10.6 15.8

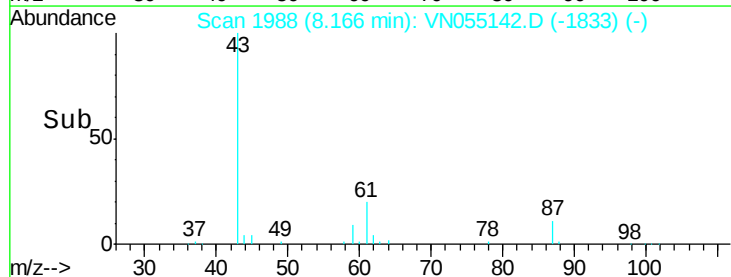
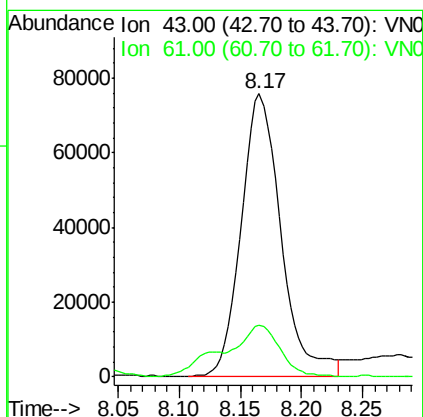
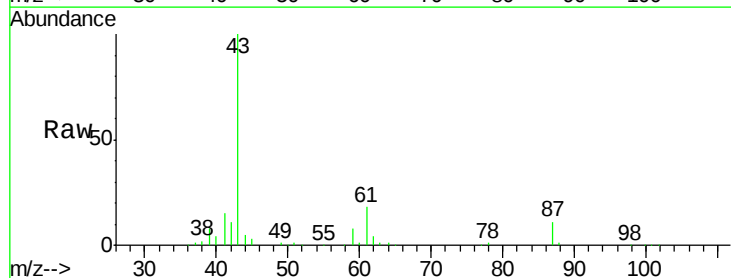
Manual Integrations
APPROVED

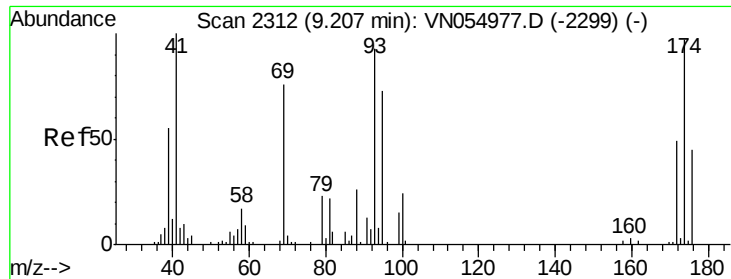
MMDadoda
4/22/2019 10:06:49 AM



#44
Isopropyl Acetate
Concen: 25.542 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion: 43 Resp: 170262
Ion Ratio Lower Upper
43 100
61 15.4 14.8 22.2





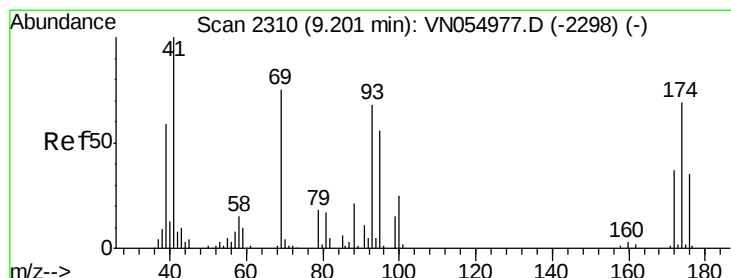
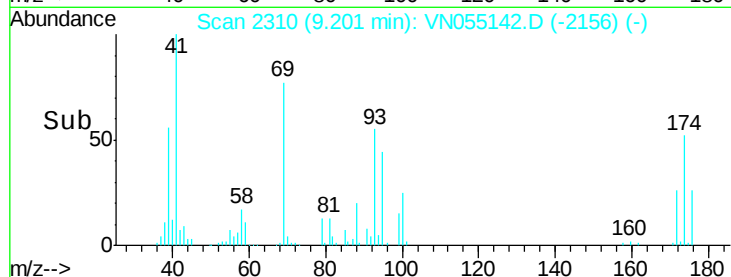
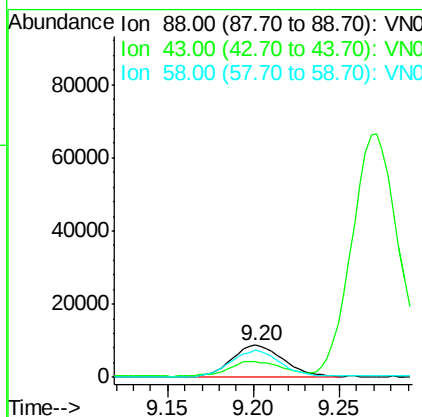
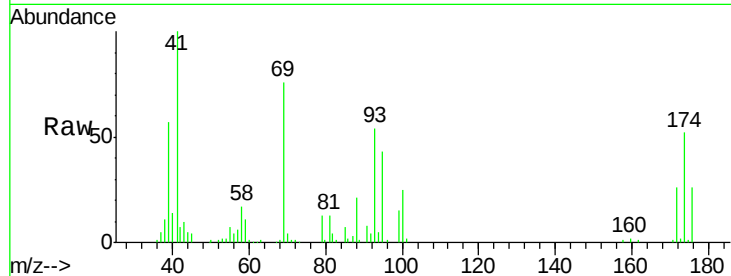
#45
 1,4-Dioxane
 Concen: 504.849 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	88	Resp	18644
Ion Ratio	Lower	Upper	
88	100		
43	48.4	34.5	51.7
58	81.7	60.3	90.5

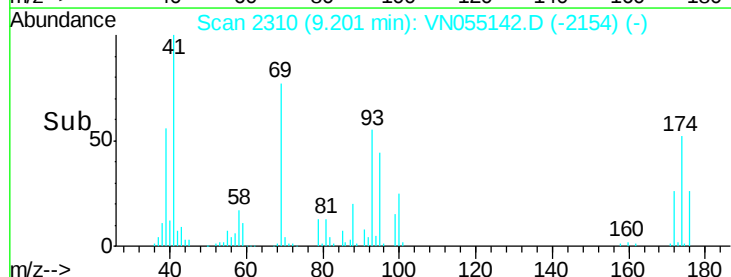
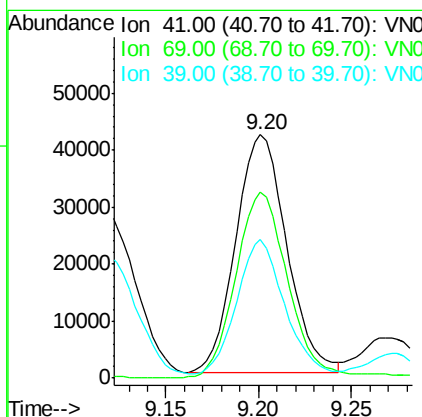
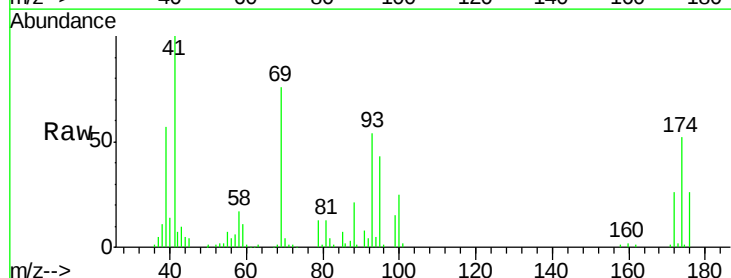
Manual Integrations
 APPROVED

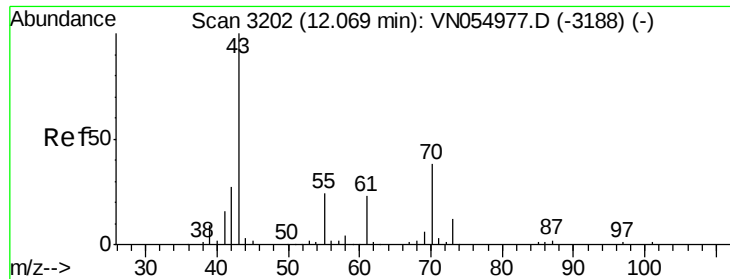
MMDadoda
 4/22/2019 10:06:49 AM



#46
 Methyl methacrylate
 Concen: 23.177 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	41	Resp	79921
Ion Ratio	Lower	Upper	
41	100		
69	77.7	37.3	111.9
39	56.4	29.4	88.2





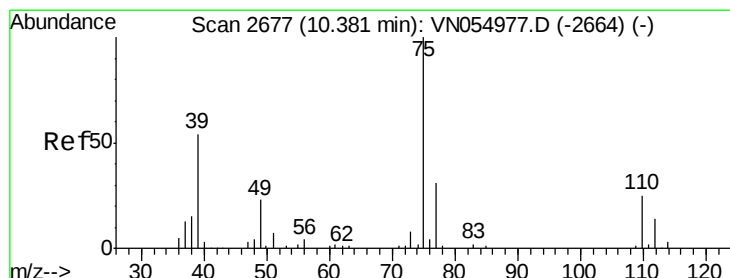
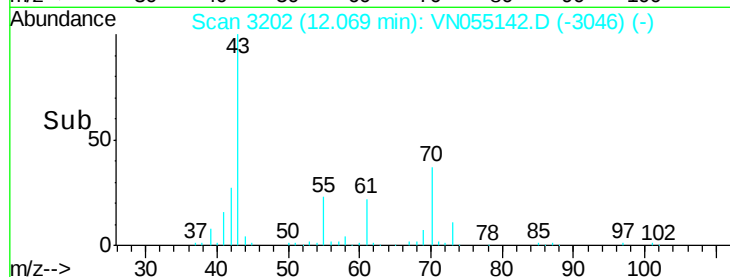
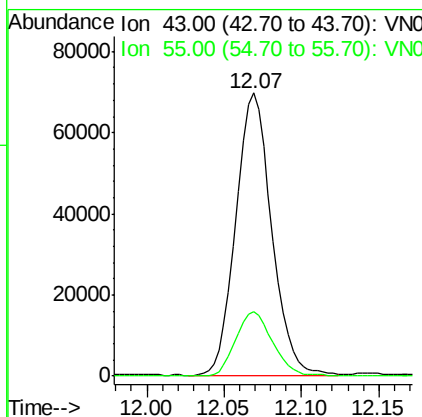
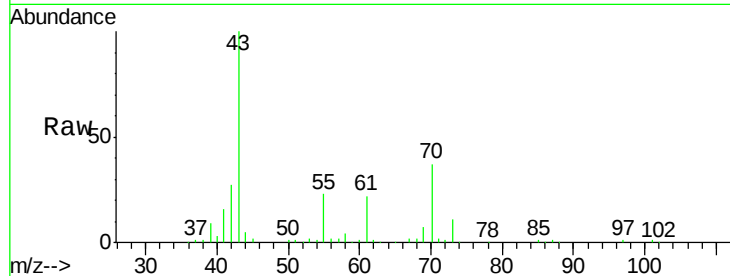
#47
n-amvl Acetate
Concen: 22.785 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion: 43 Resp: 111869
Ion Ratio Lower Upper
43 100
55 23.5 19.8 29.6

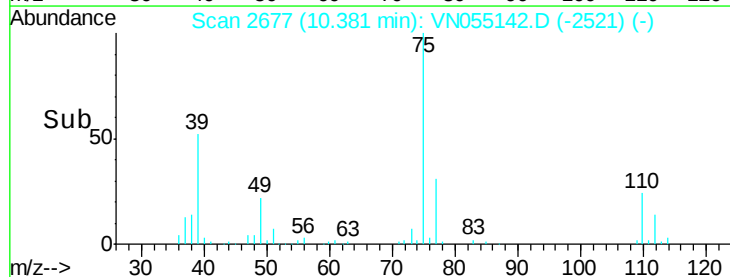
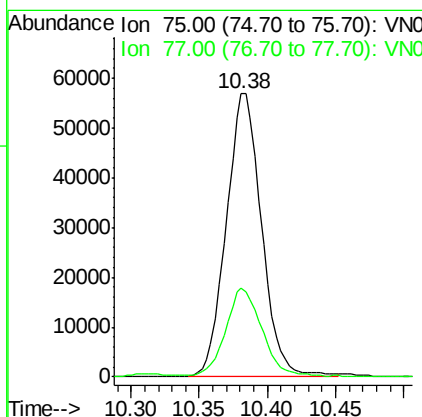
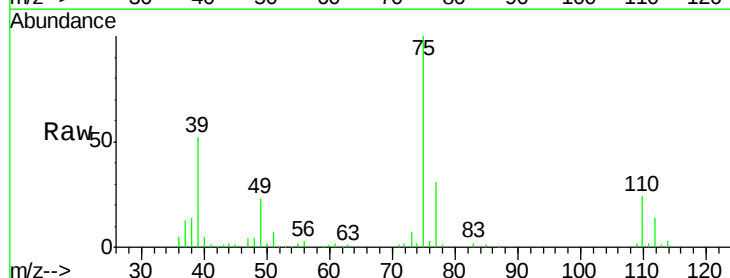
Manual Integrations
APPROVED

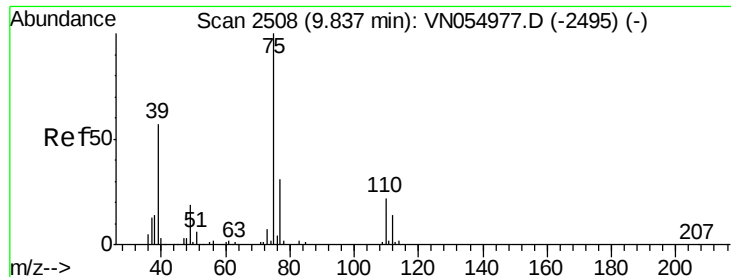
MMDadoda
4/22/2019 10:06:49 AM



#48
t-1,3-Dichloropropene
Concen: 20.109 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion: 75 Resp: 102527
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.877 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

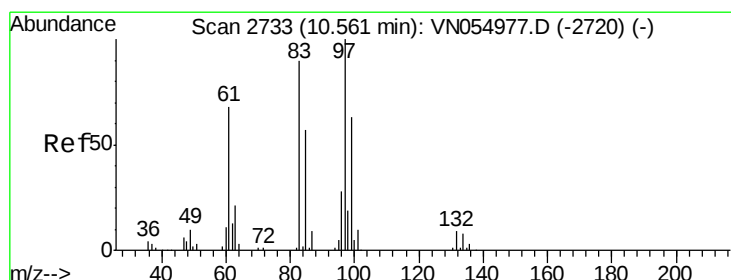
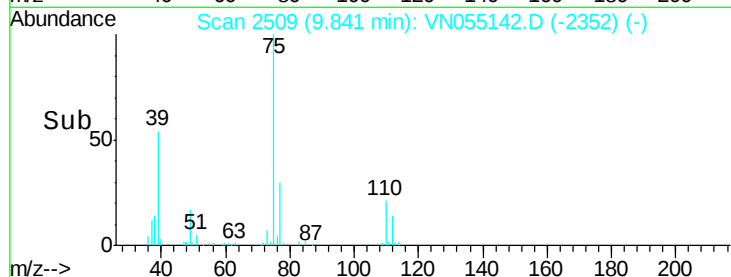
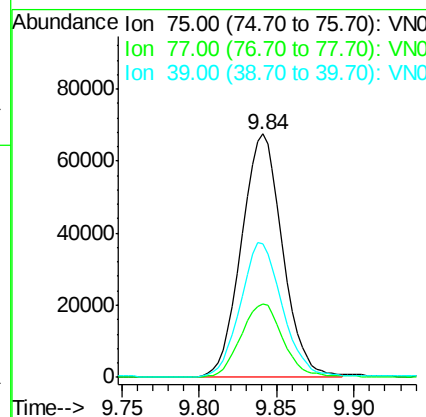
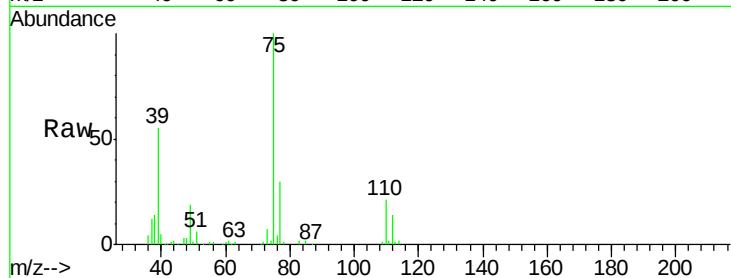
ClientSampleId :

VN0419WBSD01

Tot Ion:	75	Resp:	125109
Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.7	37.1
39	54.7	45.3	67.9

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.614 ug/l

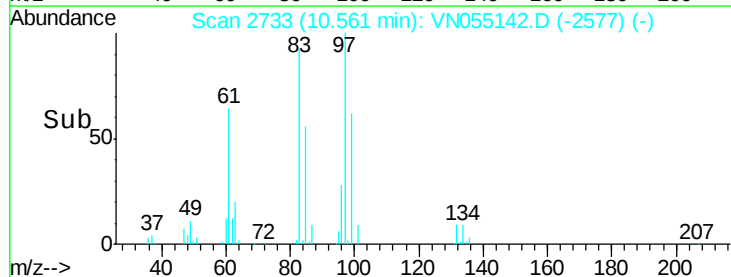
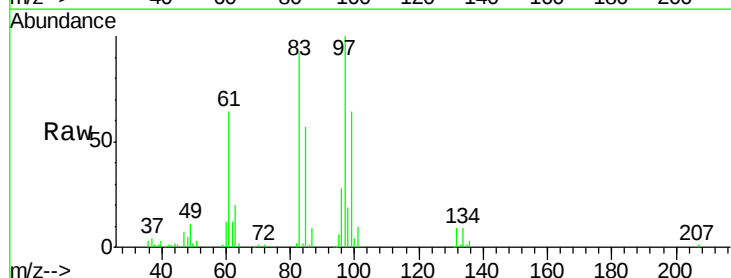
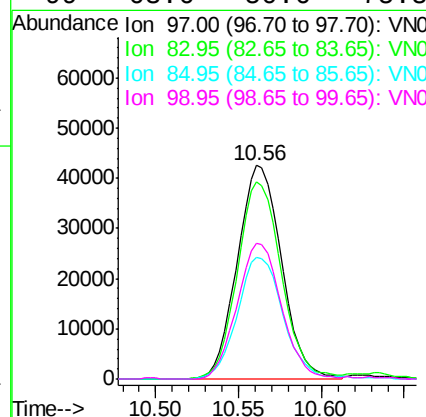
RT: 10.56 min Scan# 2733

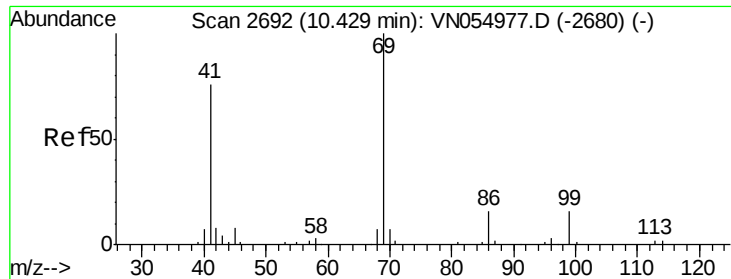
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	97	Resp:	78977
Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.1	108.1
85	56.8	45.4	68.0
99	63.6	50.6	75.8





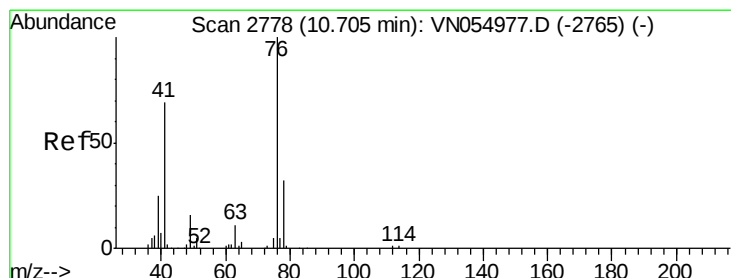
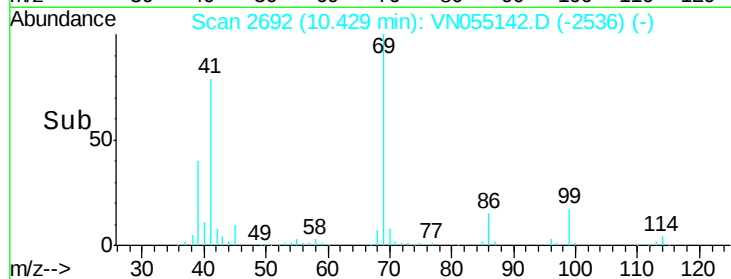
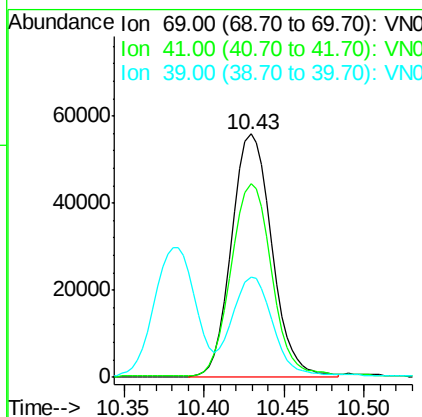
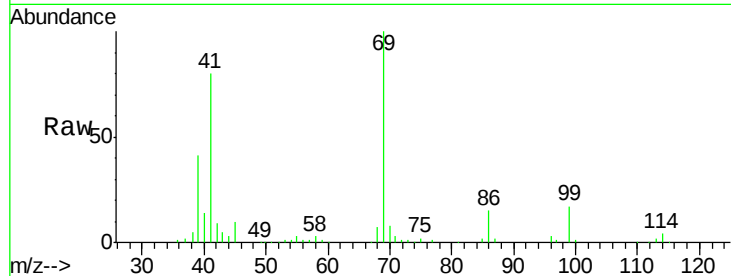
#51
Ethyl methacrylate
Concen: 22.153 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampled :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
69	100		
41	79.1	37.9	113.7
39	40.1	19.8	59.4

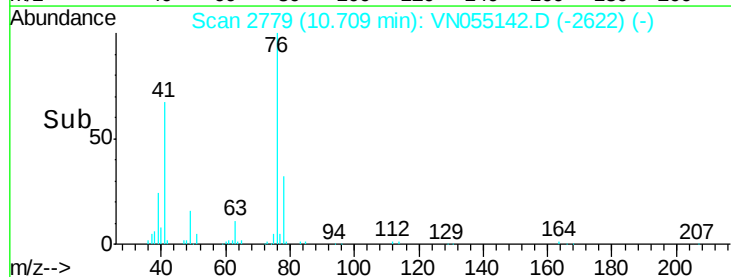
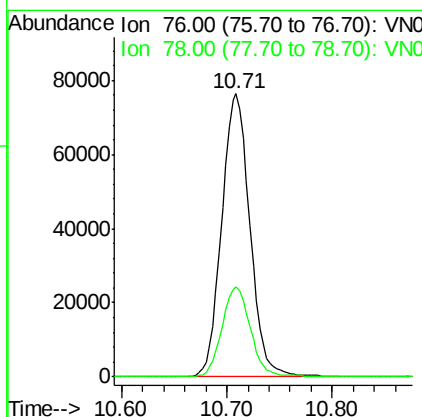
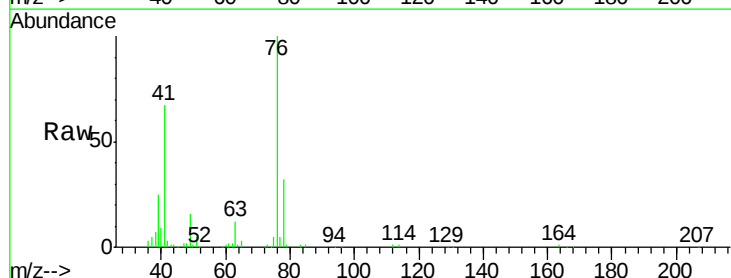
Manual Integrations
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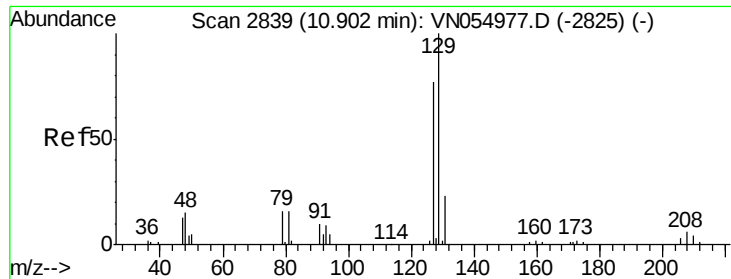
MMDadoda
4/22/2019 10:06:49 AM



#52
1,3-Dichloropropane
Concen: 22.108 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.4





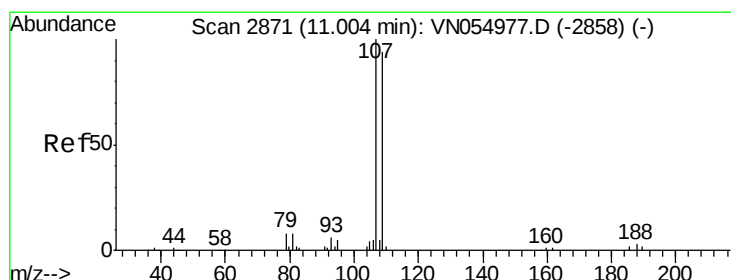
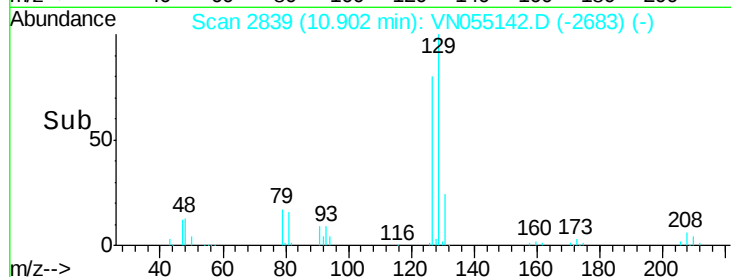
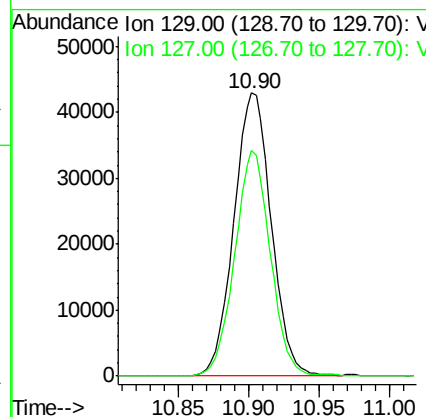
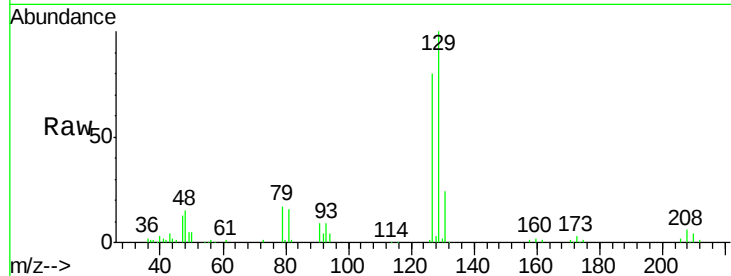
#53
 Dibromochloromethane
 Concen: 21.201 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		79797		
127	75.7		37.8	113.3	

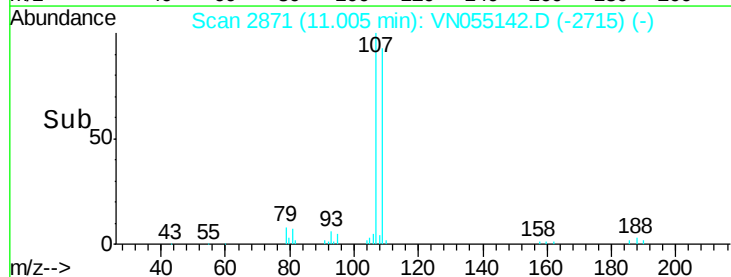
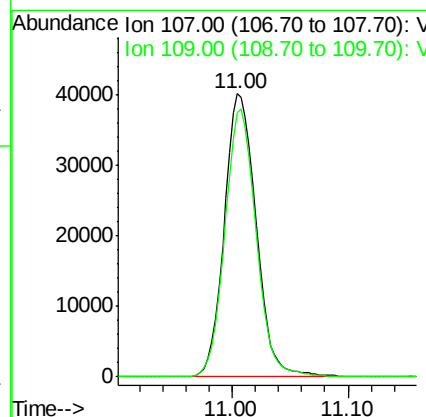
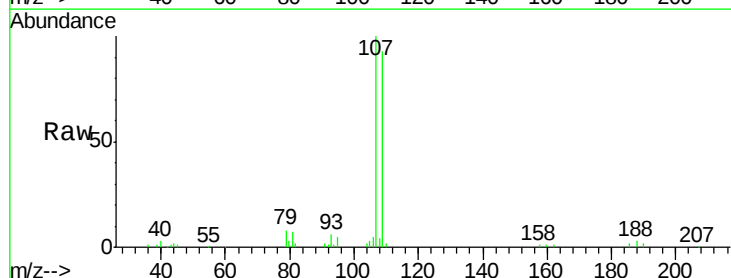
Manual Integrations
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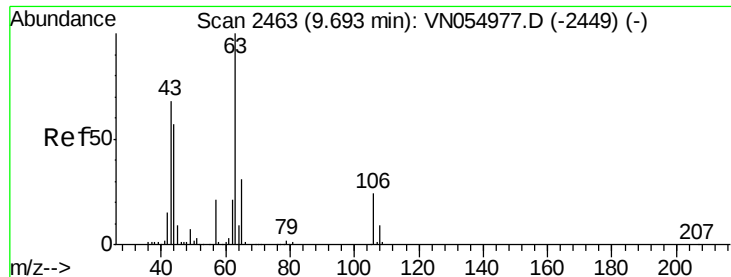
MMDadoda
 4/22/2019 10:06:49 AM



#54
 1,2-Dibromoethane
 Concen: 22.228 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		76249		
109	93.0		76.2	114.2	





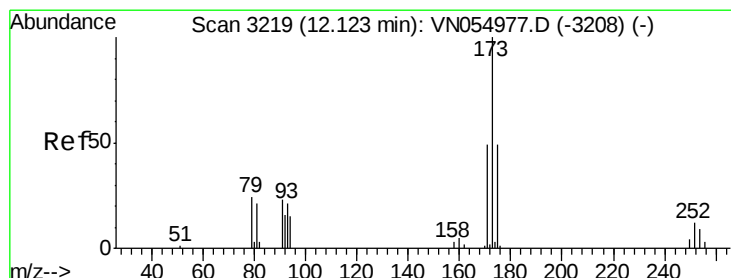
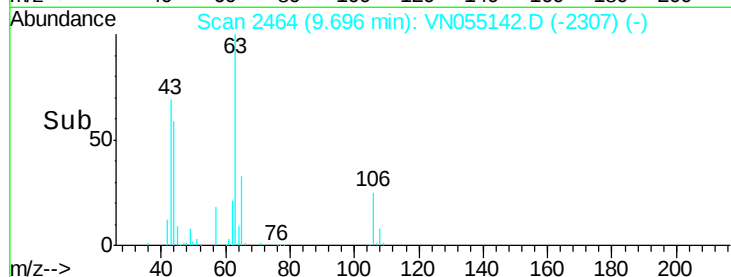
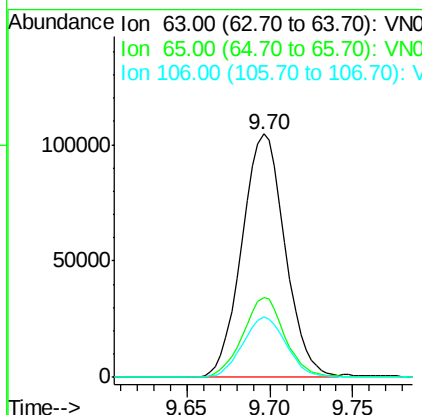
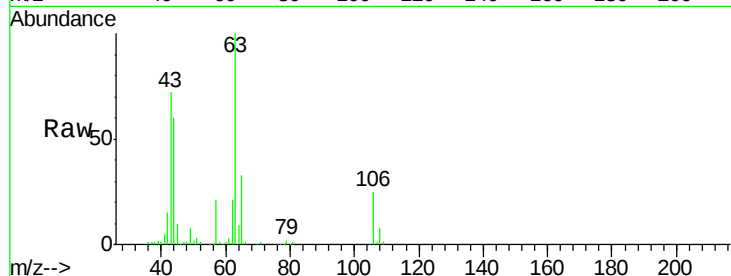
#55
2-Chloroethyl vinyl ether
Concen: 104.169 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0
106	24.7	19.8	29.6

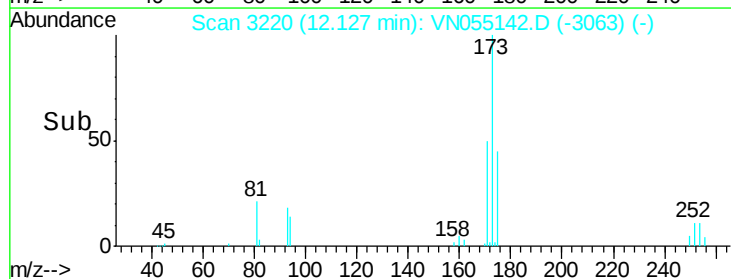
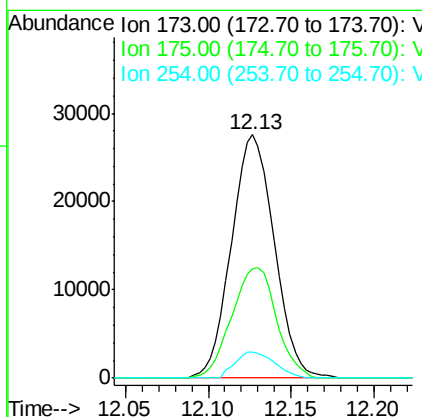
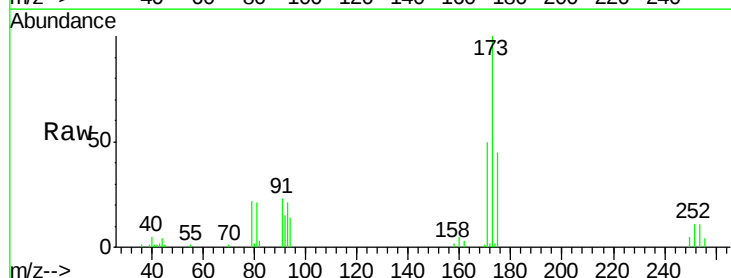
Manual Integrations
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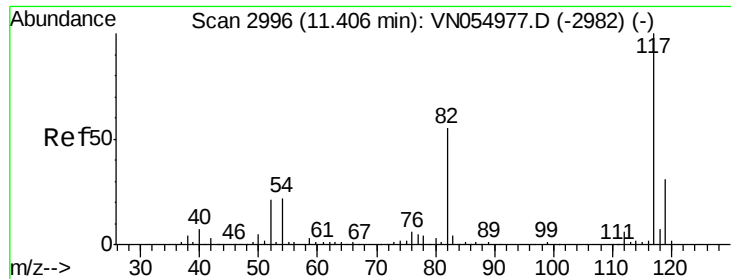
MMDadoda
4/22/2019 10:06:49 AM



#56
Bromoform
Concen: 20.993 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.6	57.8
254	9.9	6.8	10.2





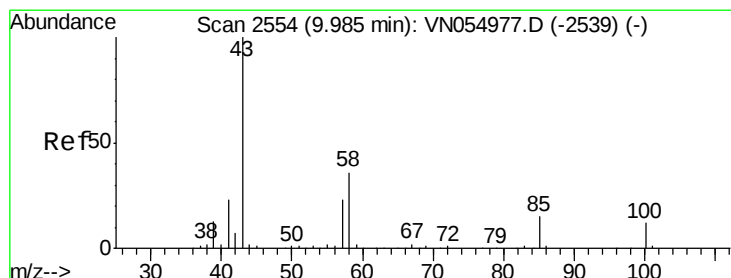
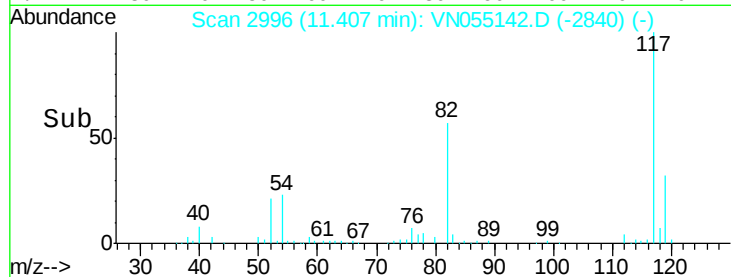
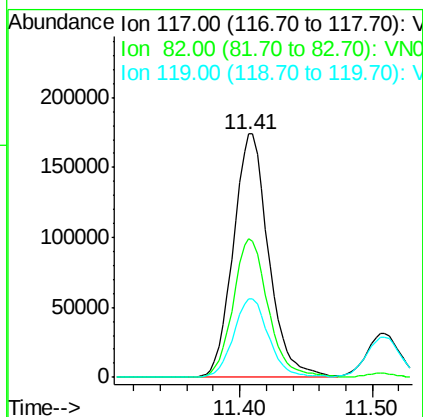
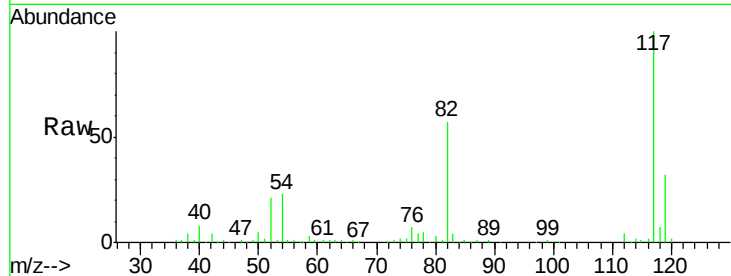
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.2	67.8
119	32.2	25.4	38.2

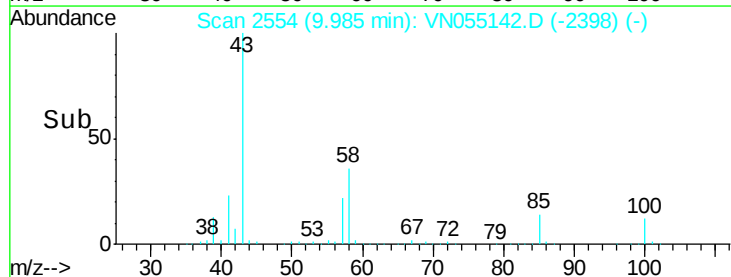
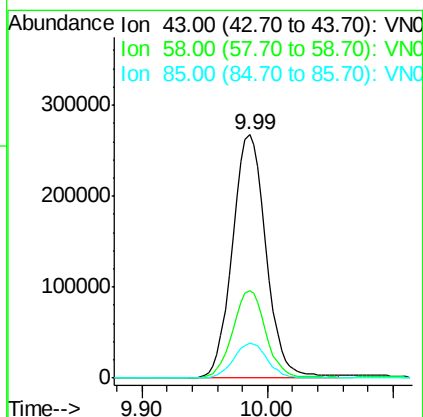
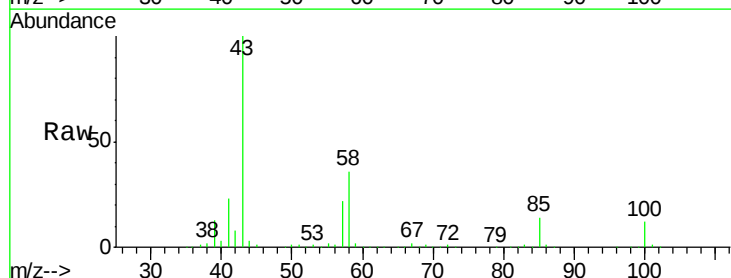
Manual Integrations
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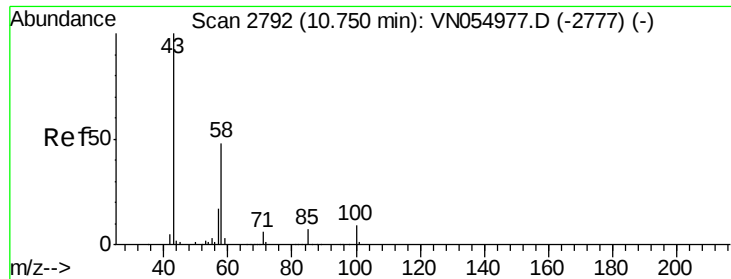
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 133.790 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.7	43.1
85	14.5	11.8	17.6





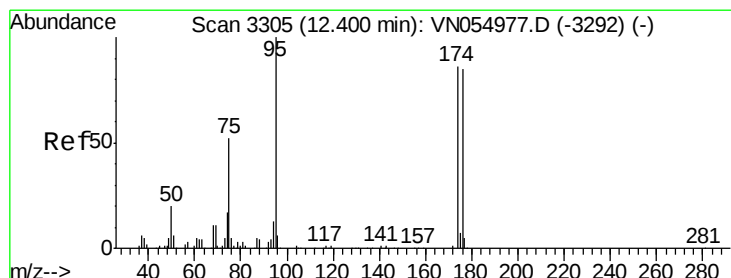
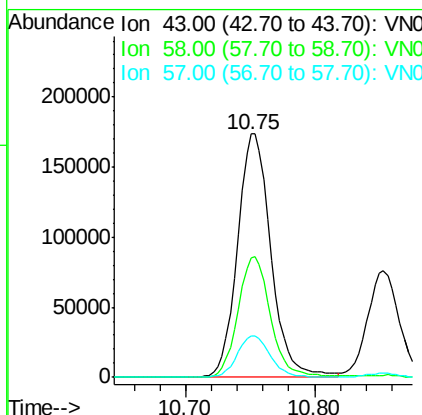
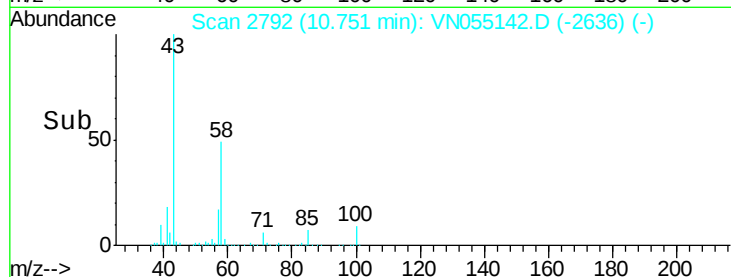
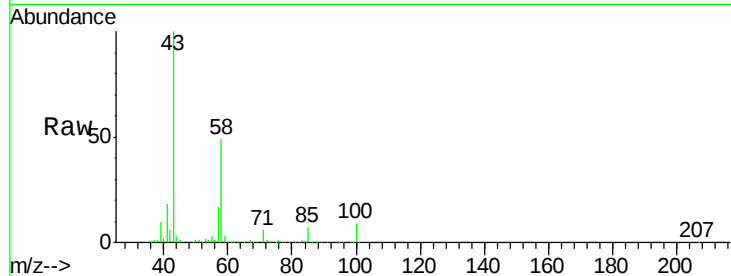
#59
2-Hexanone
Concen: 132.196 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.8	58.2
57	17.0	13.8	20.6

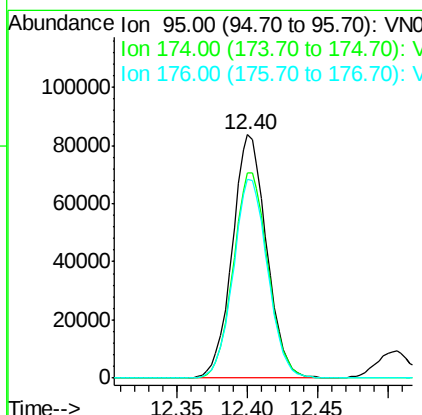
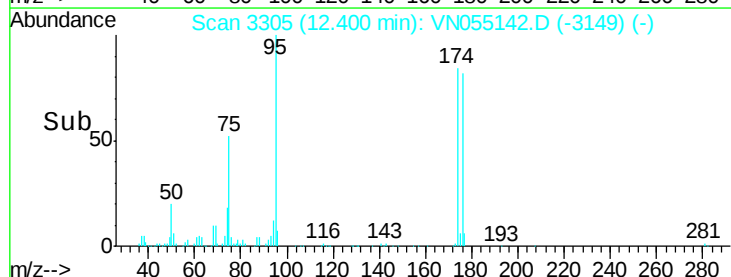
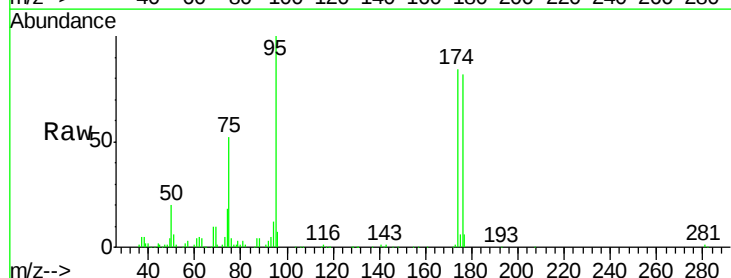
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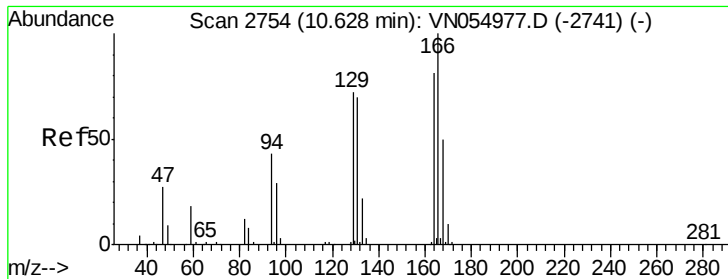
MMDadoda
4/22/2019 10:06:49 AM



#60
4-Bromofluorobenzene
Concen: 132.196 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	69.4	104.2
176	82.0	67.4	101.2





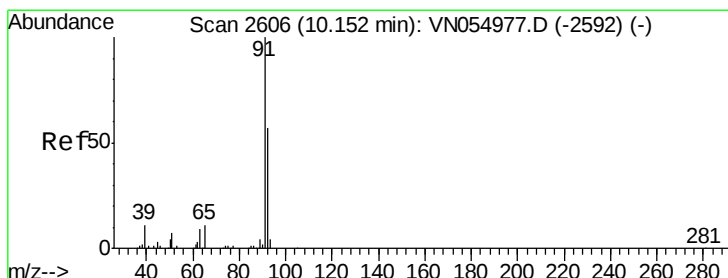
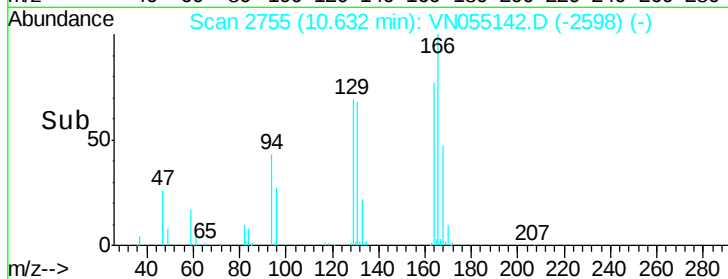
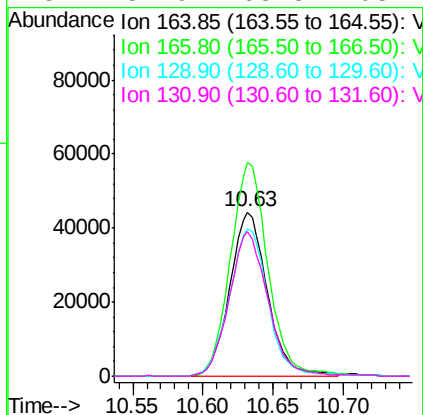
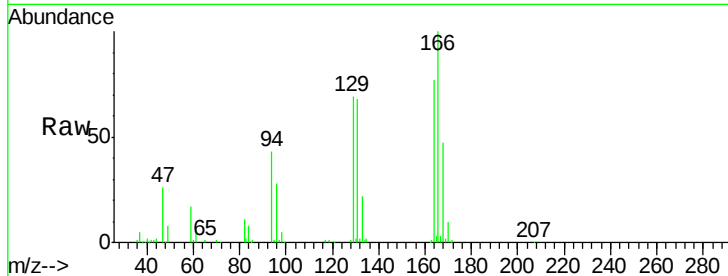
#61
Tetrachloroethene
Concen: 19.633 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.1	99.0	148.4
129	89.9	71.4	107.0
131	87.9	68.8	103.2

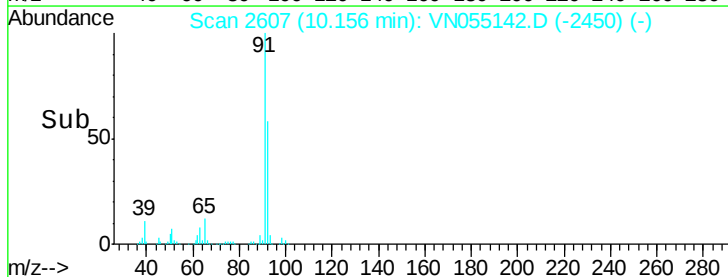
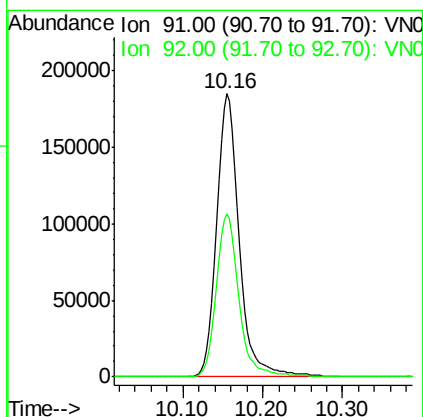
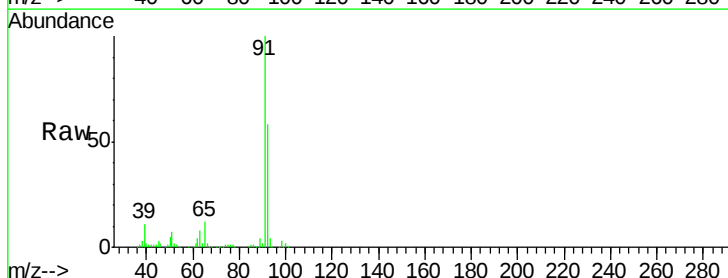
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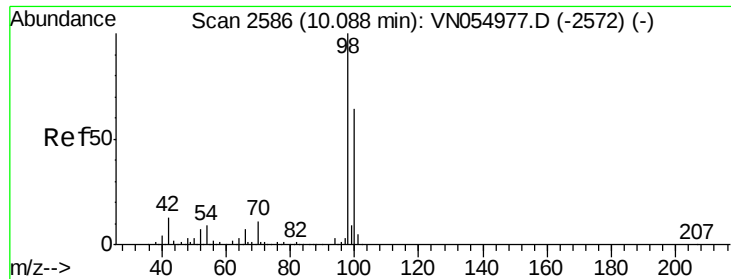
MMDadoda
4/22/2019 10:06:49 AM



#62
Toluene
Concen: 20.450 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	44.8	67.2





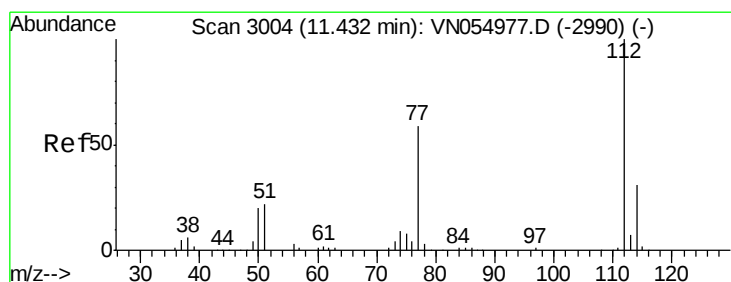
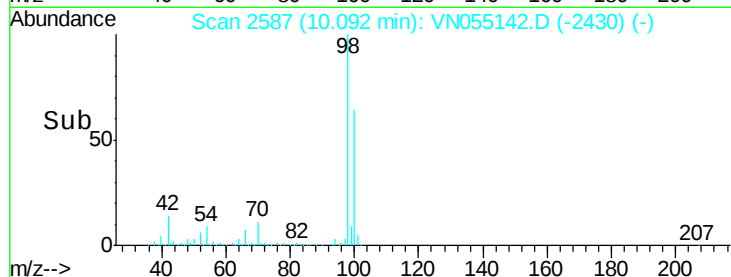
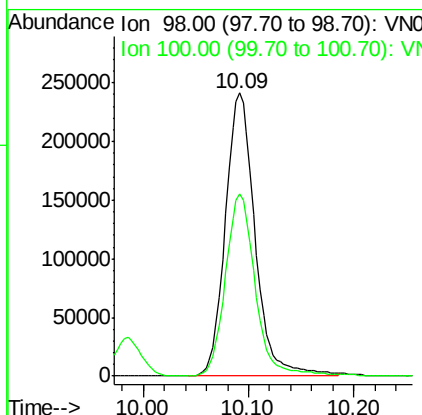
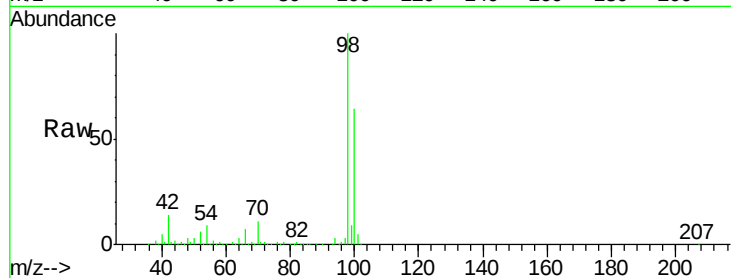
#63
Toluene-d8
Concen: 20.450 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion: 98 Resp: 471291
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7

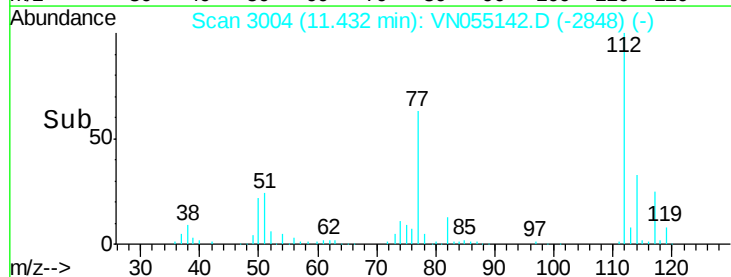
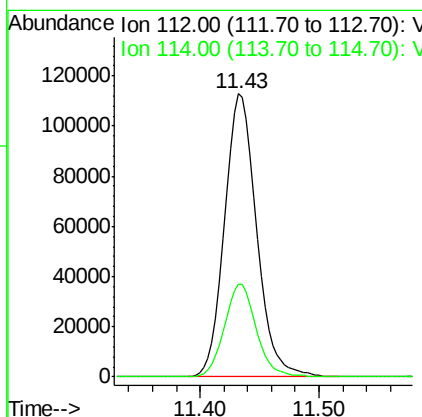
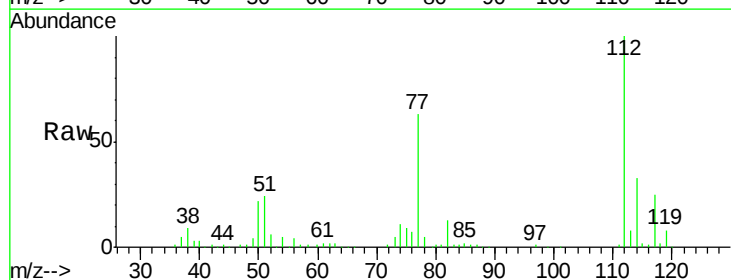
Manual Integrations
APPROVED

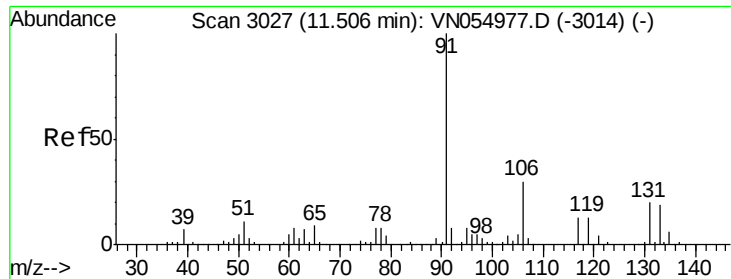
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#64
Chlorobenzene
Concen: 19.732 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion: 112 Resp: 211221
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.414 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

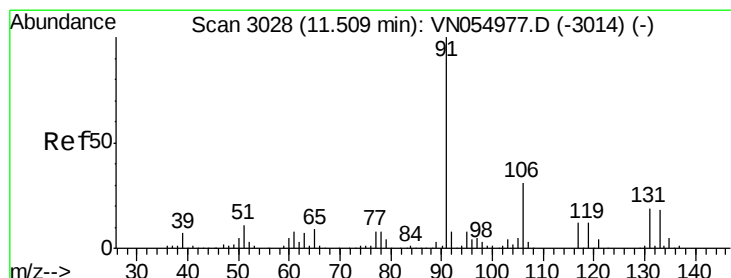
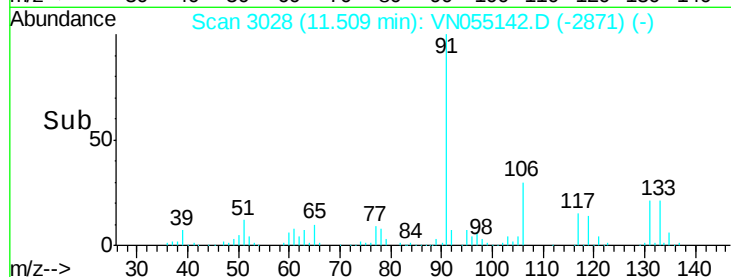
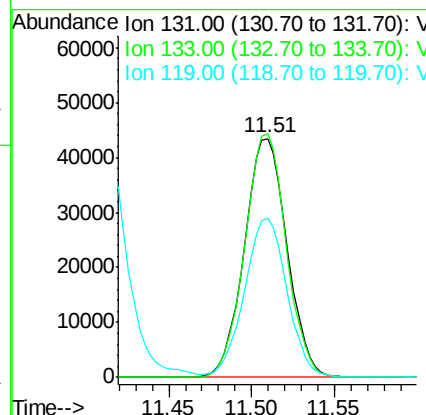
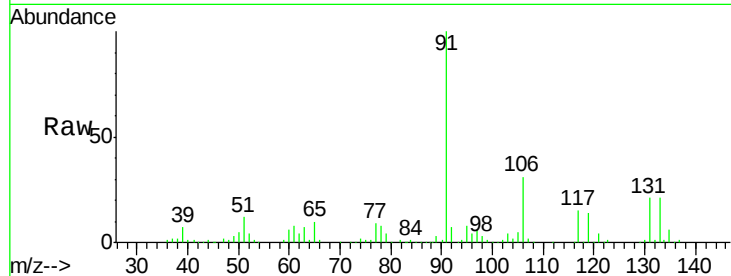
ClientSampleId :

VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	98.9	0.0	187.8
119	66.7	0.0	131.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.378 ug/l

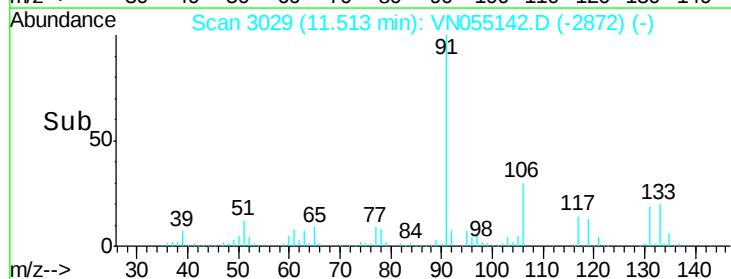
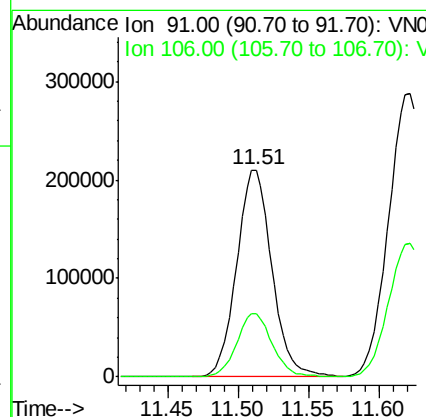
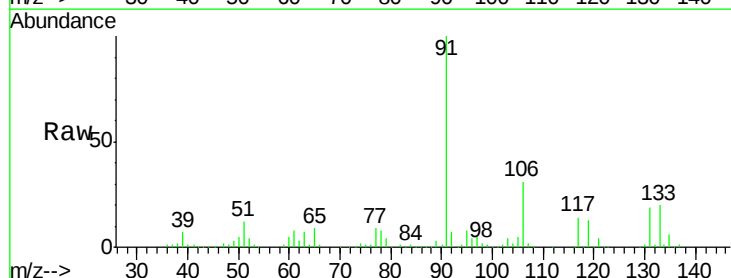
RT: 11.51 min Scan# 3029

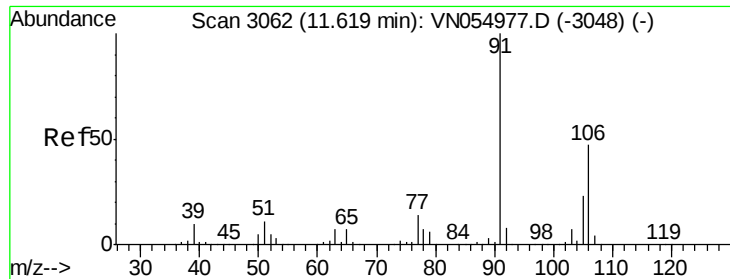
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.6	36.8





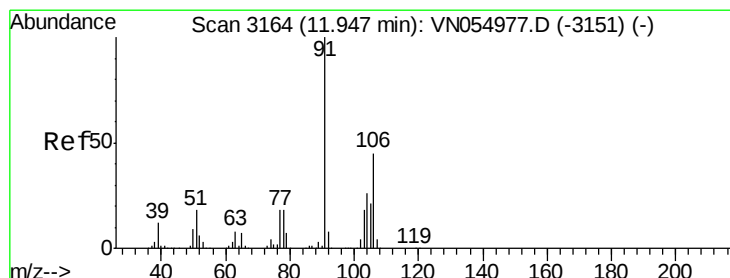
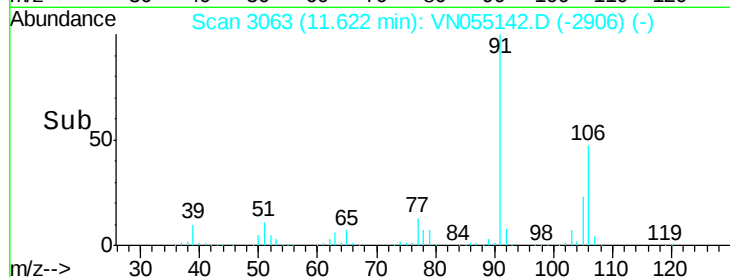
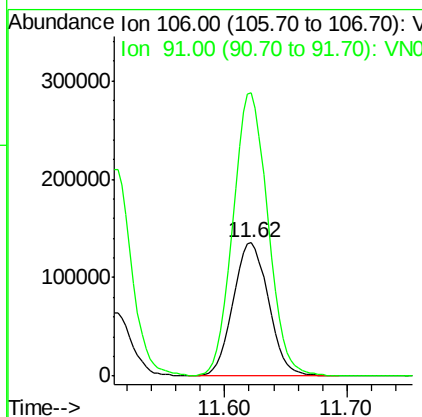
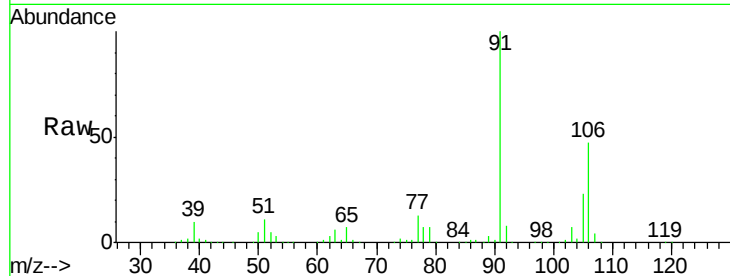
#67
m/p-Xvlenes
Concen: 38.788 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion:106 Resp: 274038
Ion Ratio Lower Upper
106 100
91 208.5 167.4 251.2

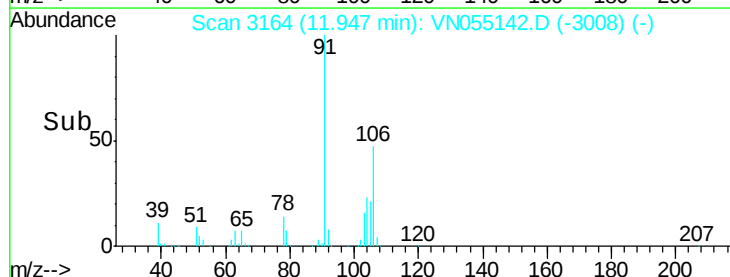
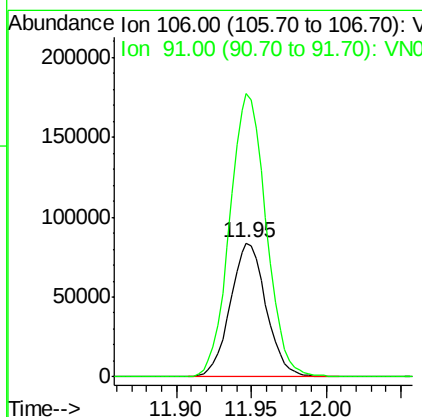
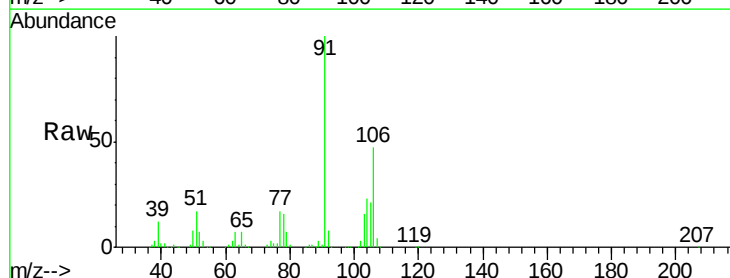
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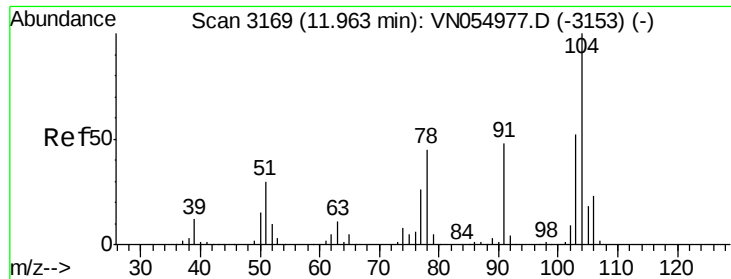
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#68
o-Xylene
Concen: 19.943 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion:106 Resp: 139239
Ion Ratio Lower Upper
106 100
91 216.0 110.3 330.8





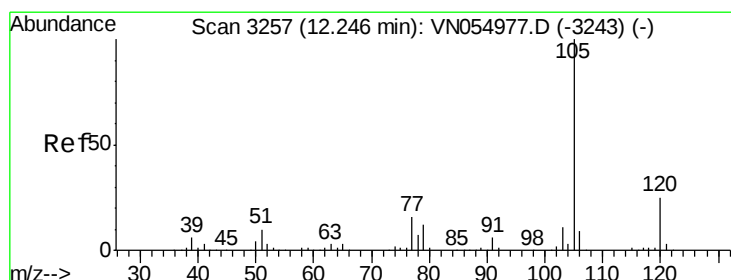
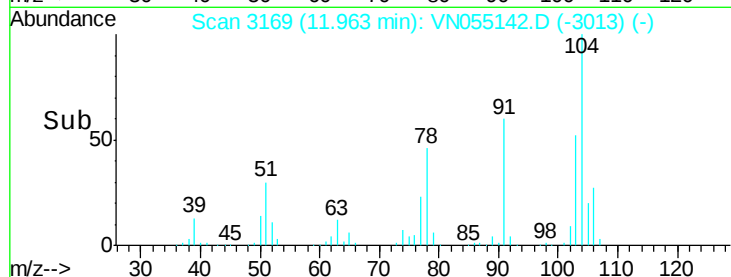
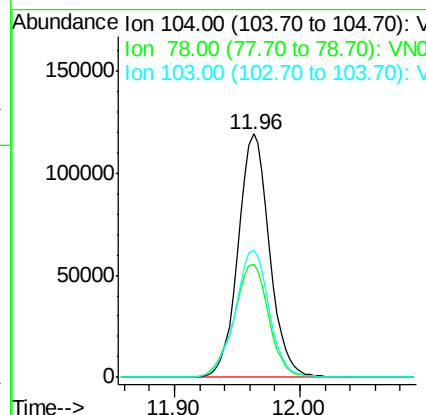
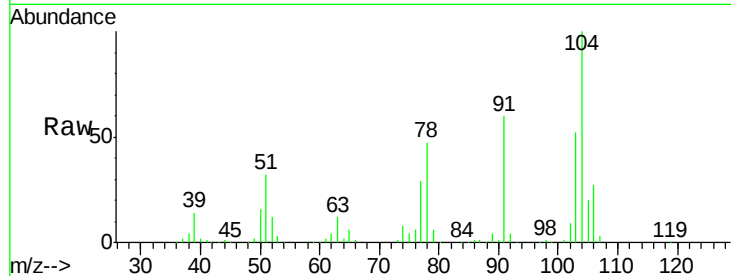
#69
Stvrene
Concen: 19.111 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	56.4	44.6	67.0

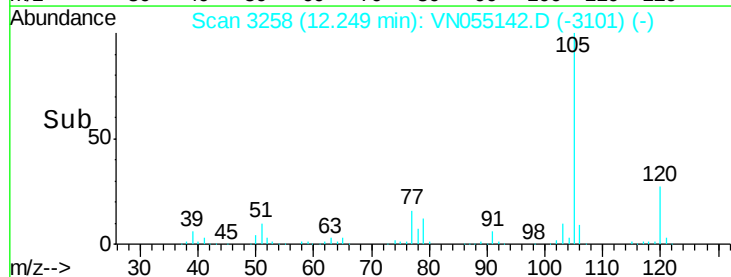
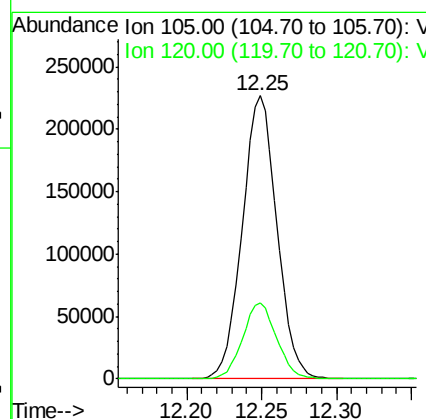
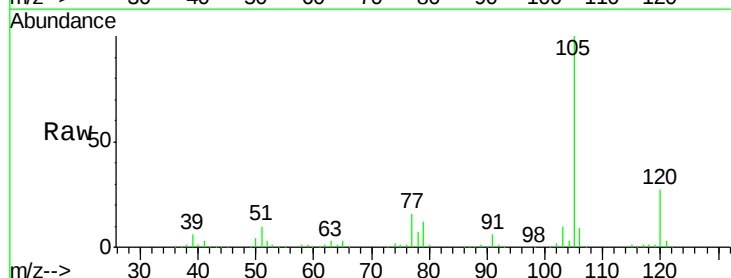
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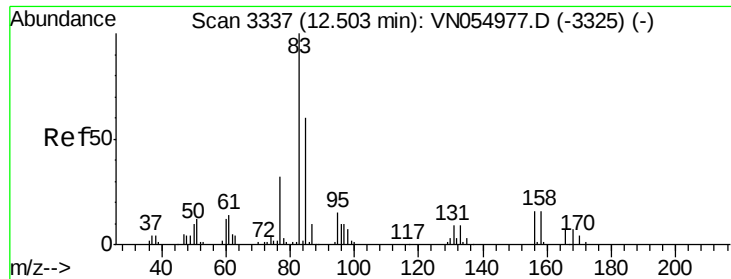
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#70
Isopropylbenzene
Concen: 19.526 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.3	33.9





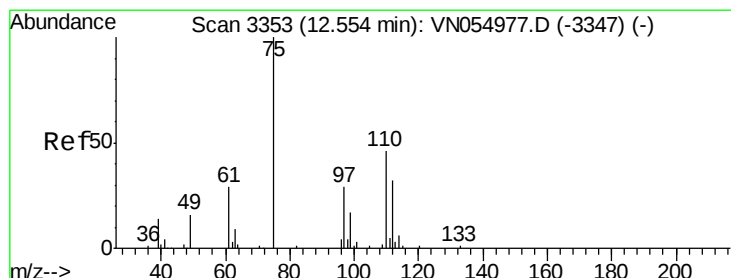
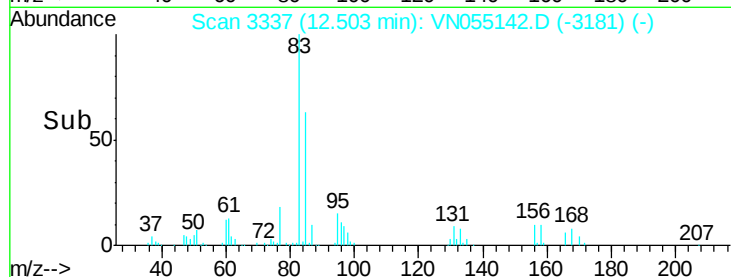
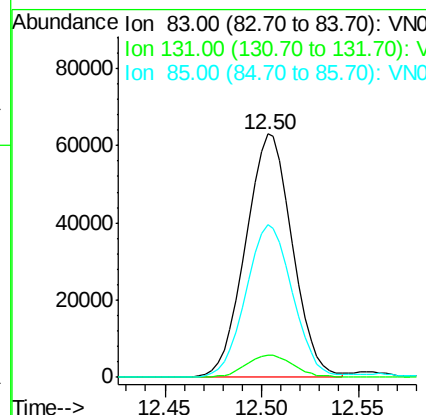
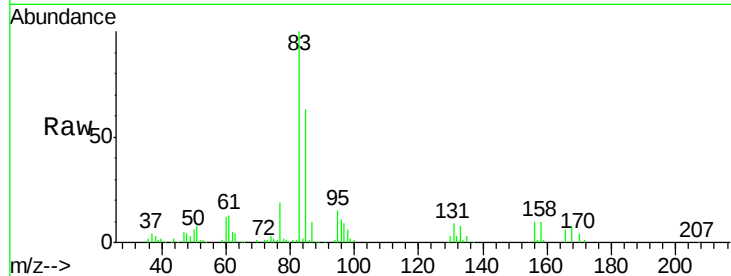
#71
 1,1,2,2-Tetrachloroethane
 Concen: 24.769 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.2	4.6	13.8	
85	62.9	30.9	92.5	

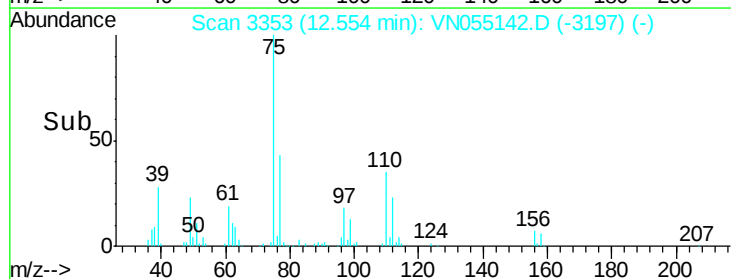
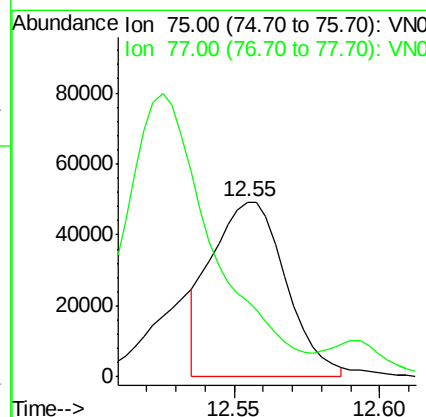
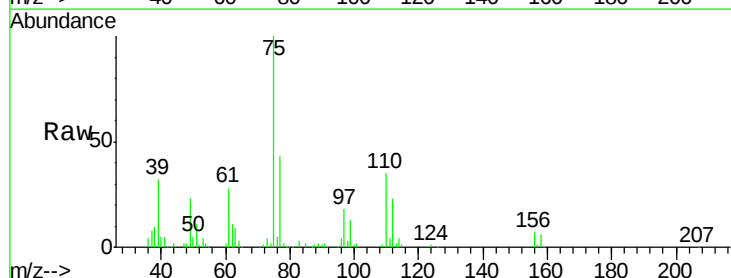
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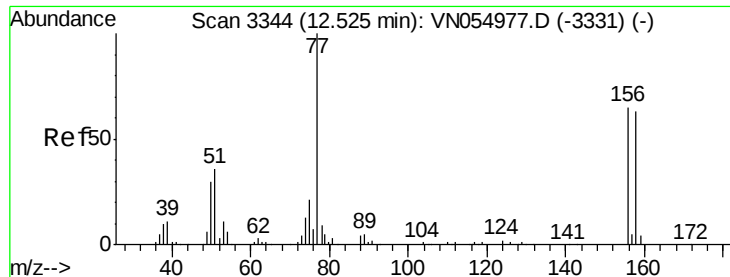
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 4/22/2019 10:06:49 AM



#72
 1,2,3-Trichloropropane
 Concen: 24.708 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	193.4	0.0	466.6	





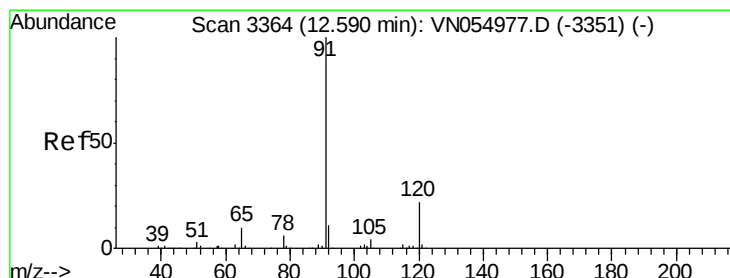
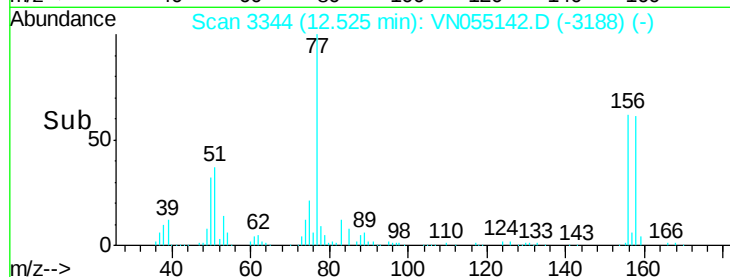
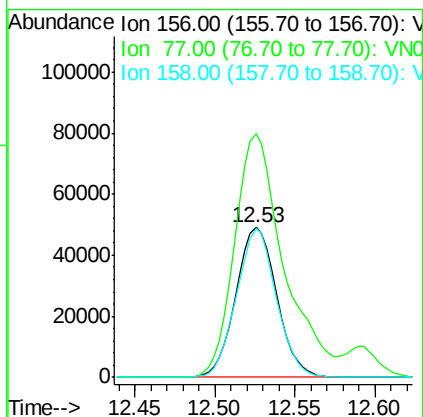
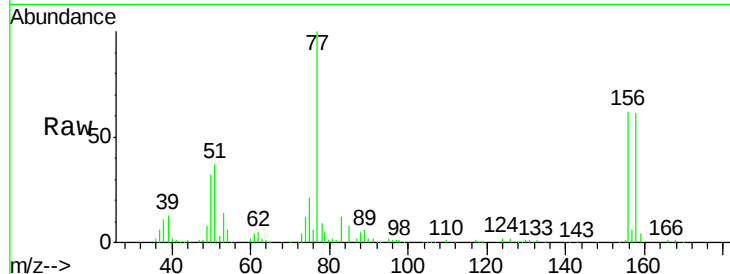
#73
Bromobenzene
Concen: 19.375 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.1	0.0	383.2
158	96.7	0.0	193.8

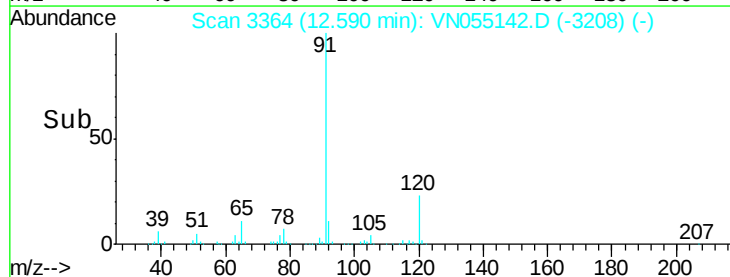
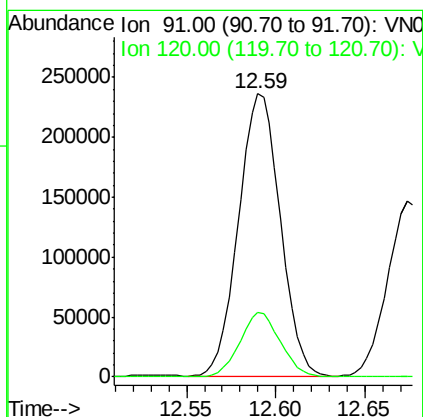
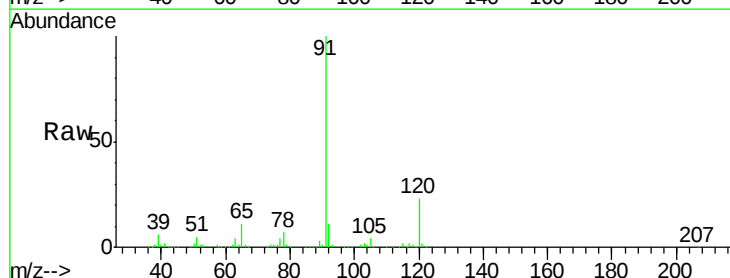
Manual Integrations
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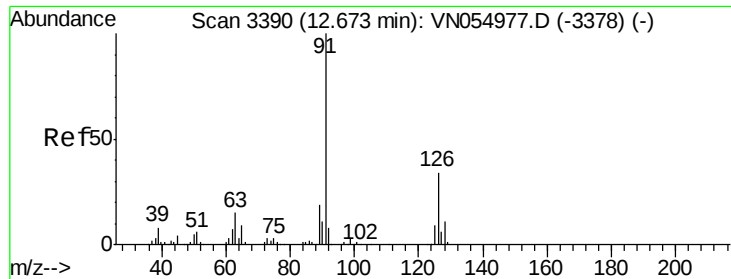
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#74
n-propylbenzene
Concen: 18.395 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	44.4





#75

2-Chlorotoluene

Concen: 19.209 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD01

Tot Ion: 91 Resp: 242109

Ion Ratio Lower Upper

91 100

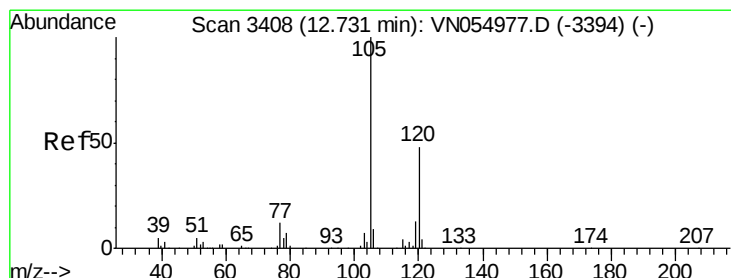
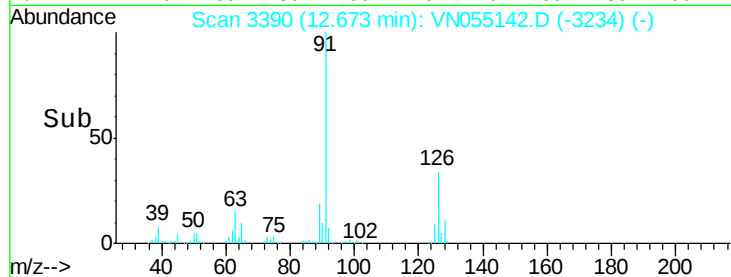
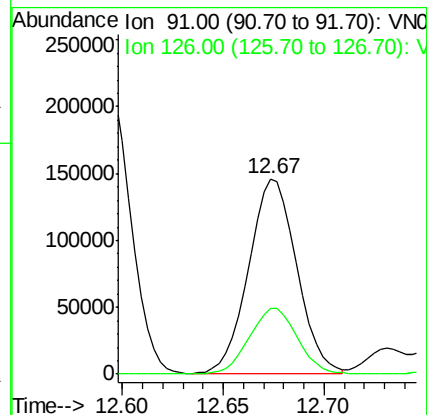
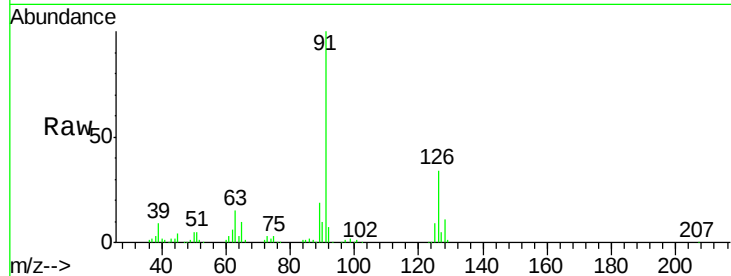
126 34.1 0.0 67.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 18.668 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055142.D

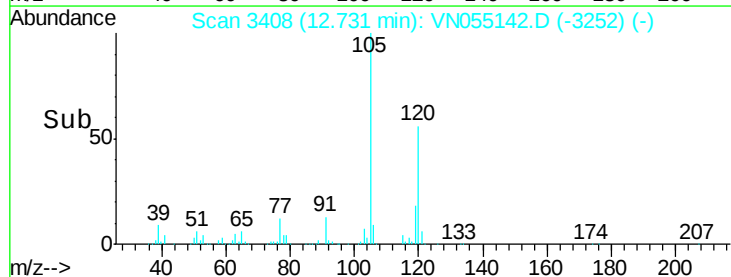
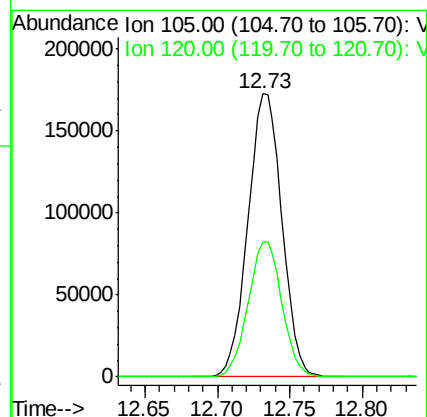
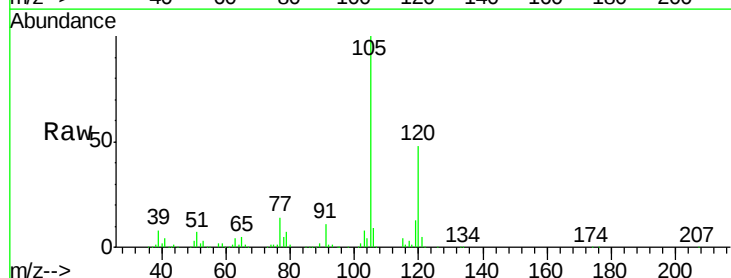
Acq: 19 Apr 2019 15:13

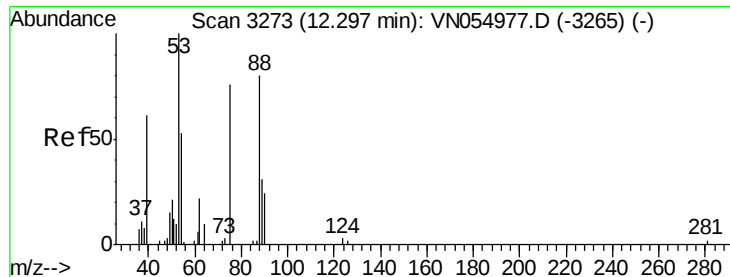
Tgt Ion: 105 Resp: 281727

Ion Ratio Lower Upper

105 100

120 47.4 0.0 94.8





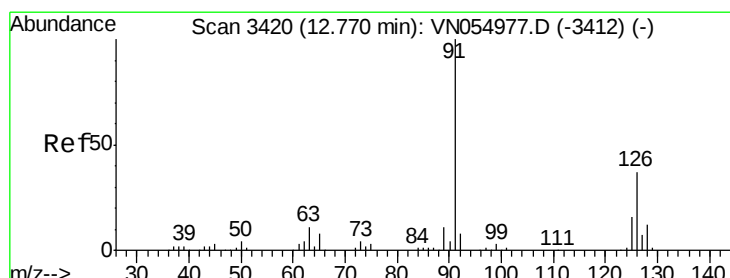
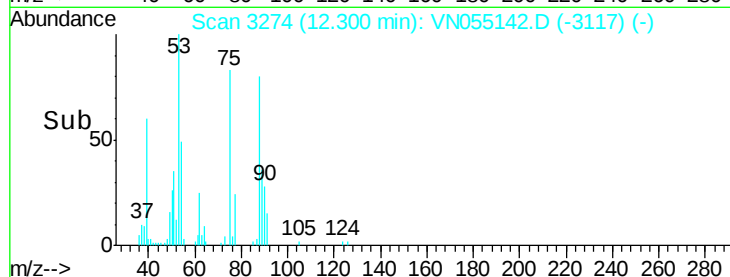
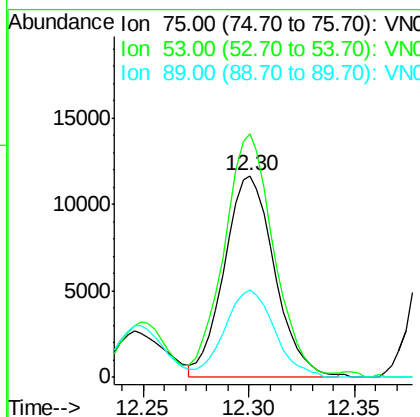
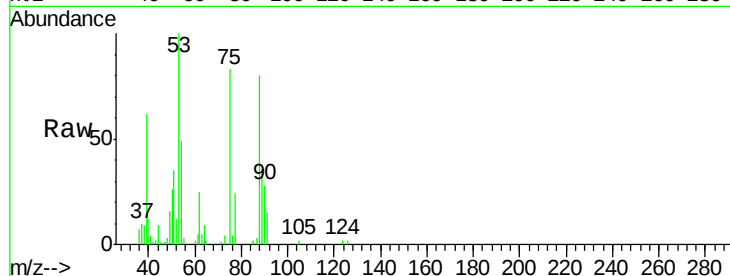
#77
t-1,4-Dichloro-2-butene
Concen: 21.714 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampled :
VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.2	64.3	192.7
89	43.7	21.6	65.0

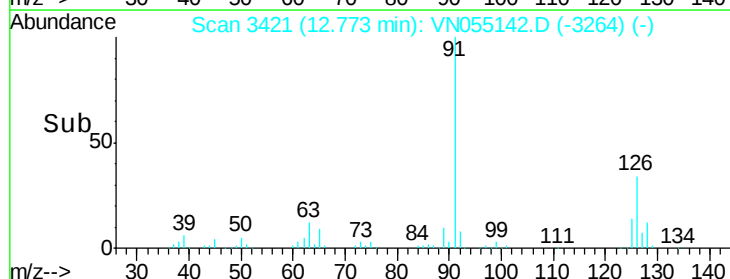
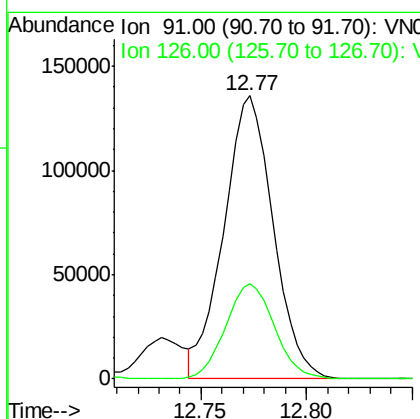
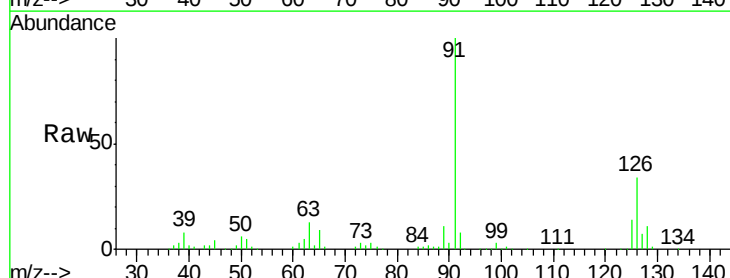
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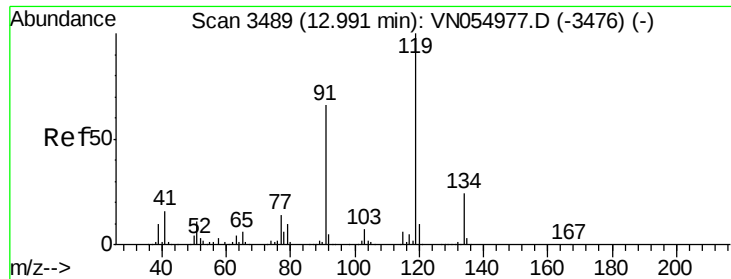
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#78
4-Chlorotoluene
Concen: 18.233 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	0.0	66.6





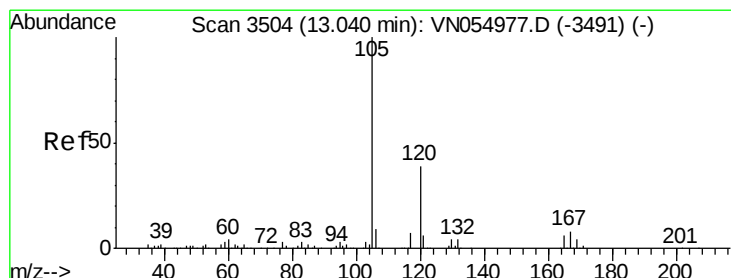
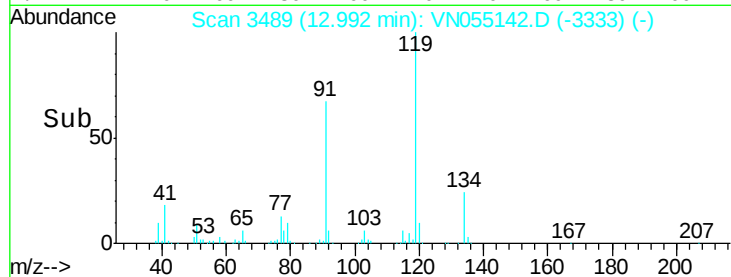
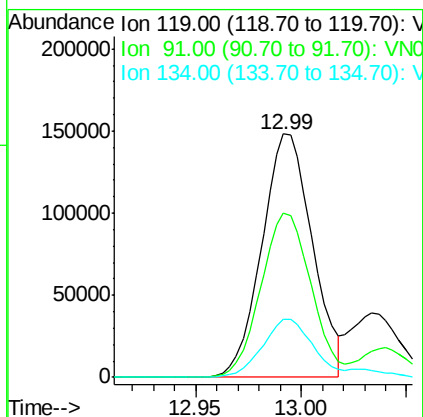
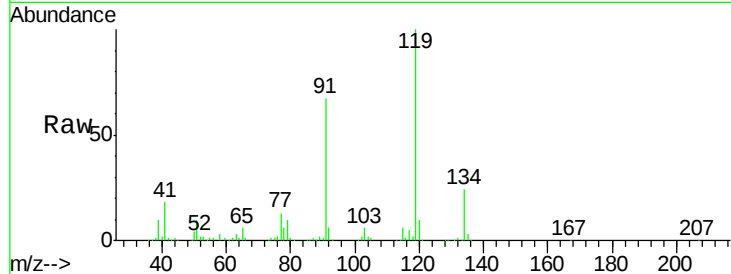
#79
tert-butylbenzene
Concen: 18.927 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampled :
VN0419WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	247162		
91	66.9	0.0	132.6	
134	23.7	0.0	47.6	

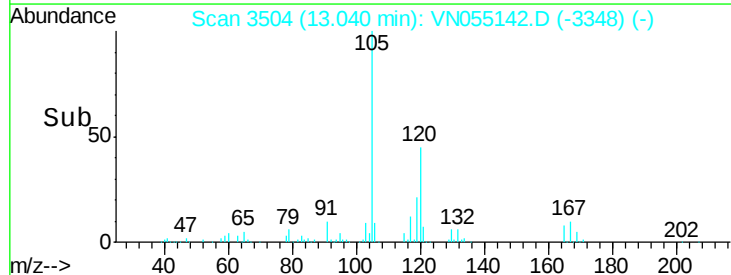
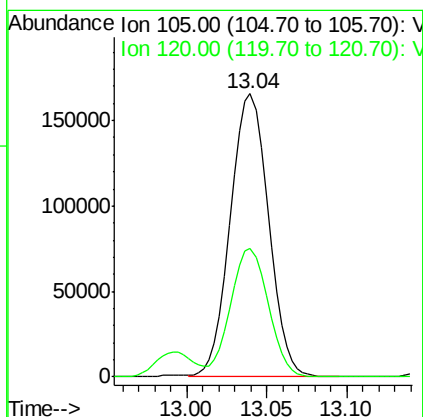
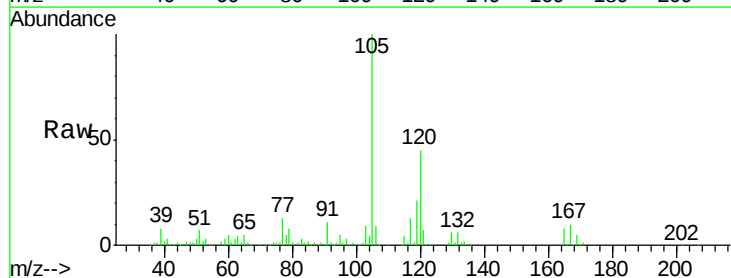
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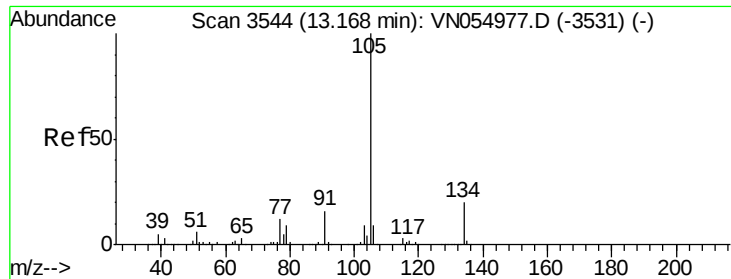
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#80
1,2,4-Trimethylbenzene
Concen: 18.255 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270648		
120	44.7	0.0	91.4	





#81

sec-Butylbenzene

Concen: 17.862 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD01

Tot Ion:105 Resp: 311663

Ion Ratio Lower Upper

105 100

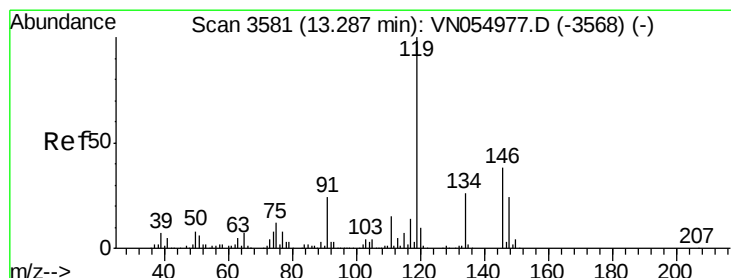
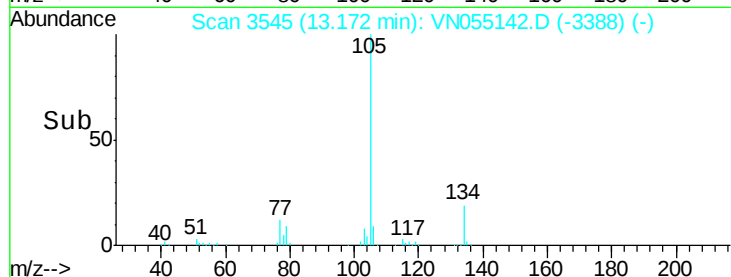
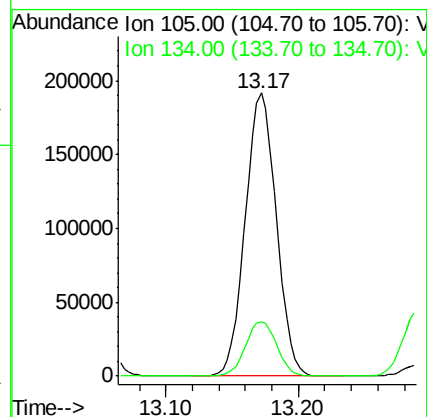
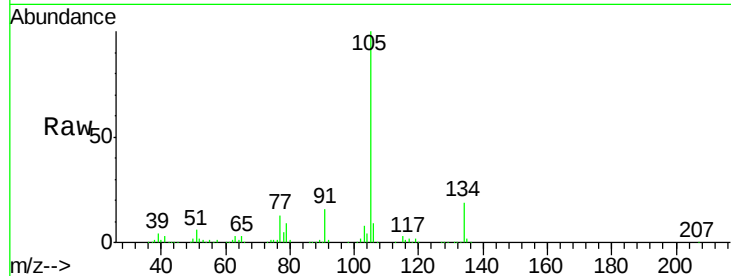
134 19.3 0.0 40.0

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#82

p-Isopropyltoluene

Concen: 17.345 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

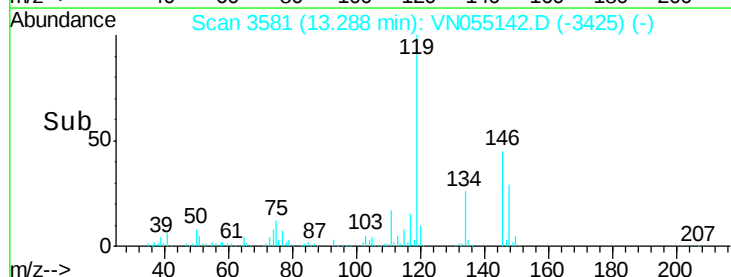
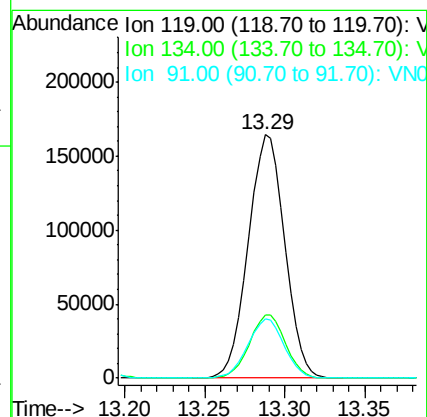
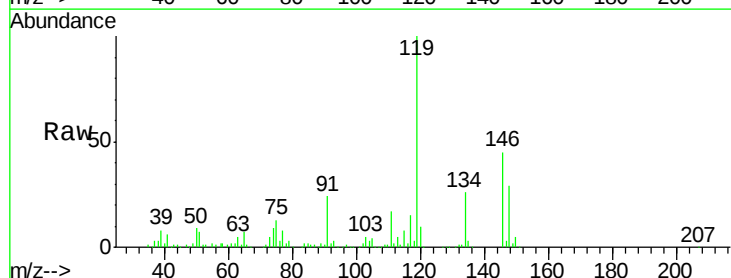
Tgt Ion:119 Resp: 255415

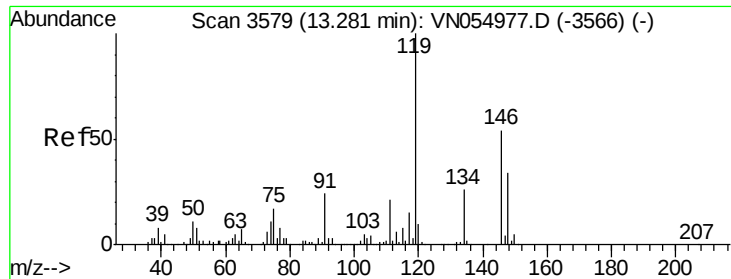
Ion Ratio Lower Upper

119 100

134 25.5 0.0 53.2

91 24.2 0.0 47.8





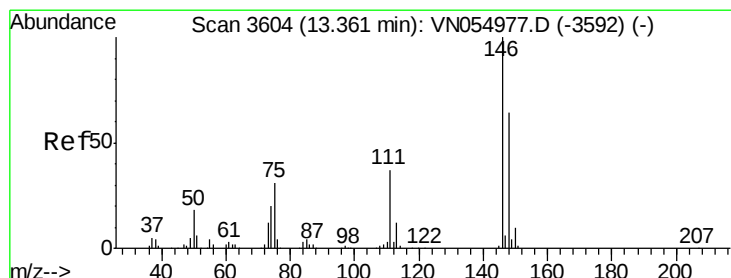
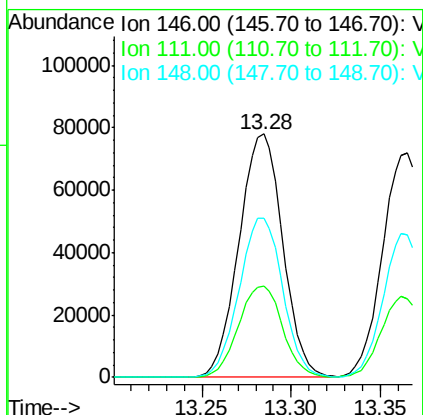
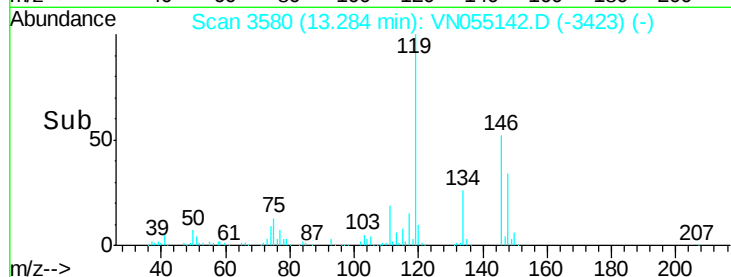
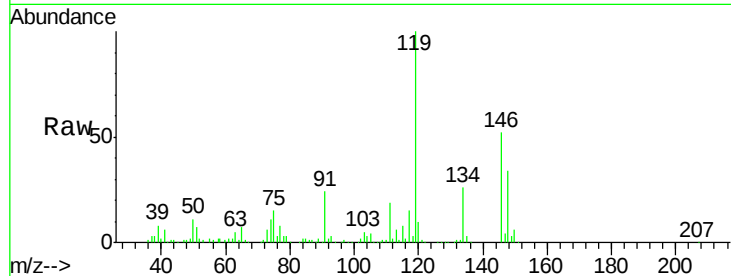
#83
 1,3-Dichlorobenzene
 Concen: 18.083 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	65.2	31.9	95.5

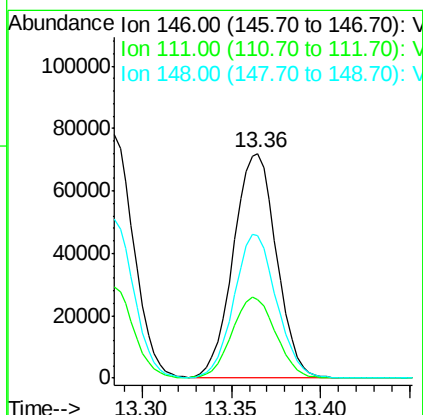
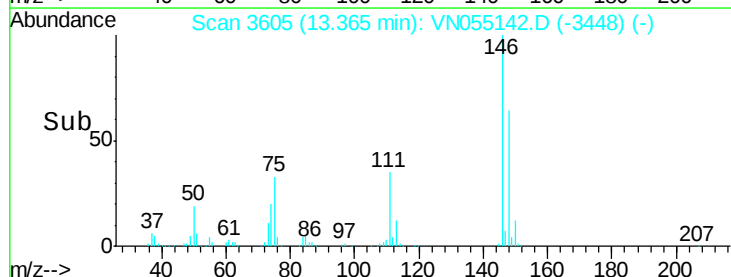
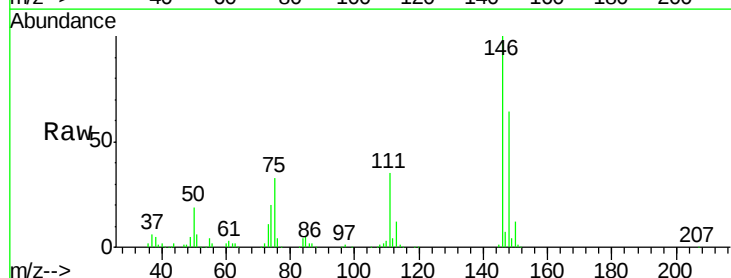
Manual Integrations
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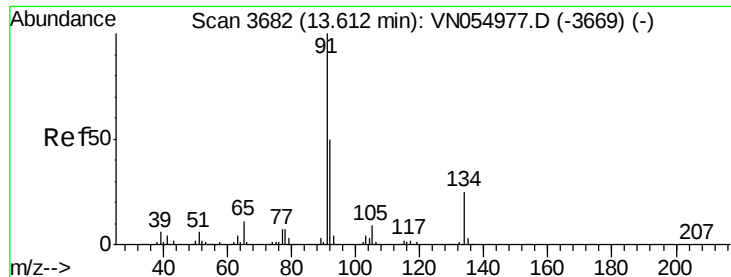
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#84
 1,4-Dichlorobenzene
 Concen: 17.405 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.2
148	62.9	32.5	97.4





#85

n-Butylbenzene

Concen: 14.565 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

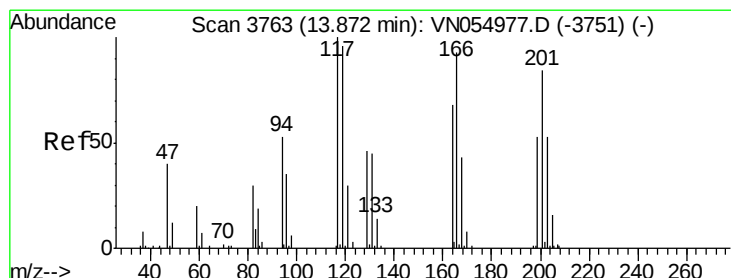
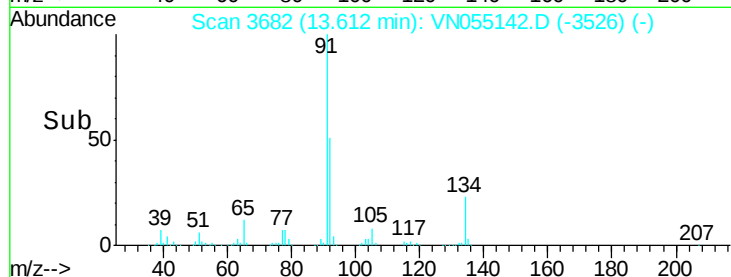
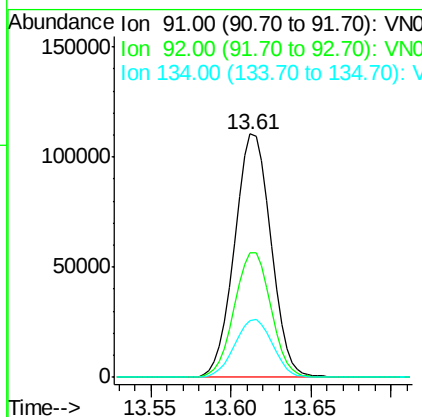
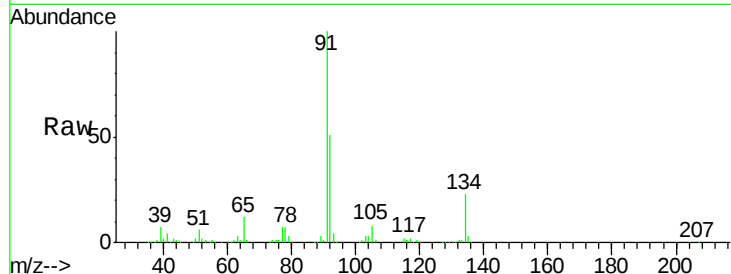
ClientSampleId :

VN0419WBSD01

Tot Ion:	91	Resp:	170843
Ion Ratio	Lower	Upper	
91	100		
92	51.5	0.0	101.4
134	24.7	0.0	49.8

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#86

Hexachloroethane

Concen: 18.270 ug/l

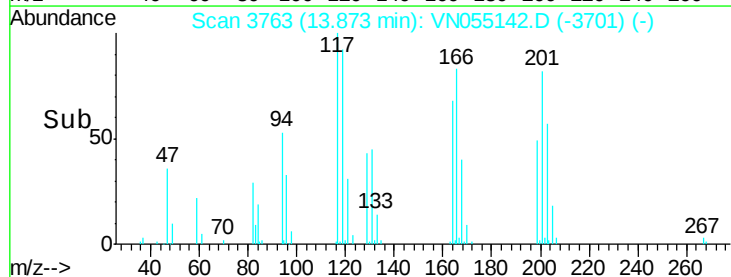
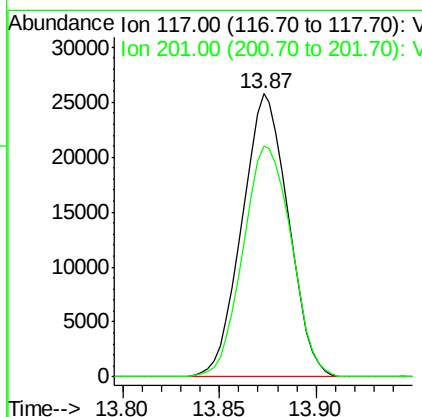
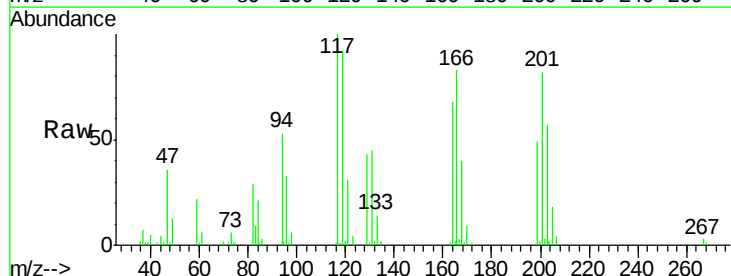
RT: 13.87 min Scan# 3763

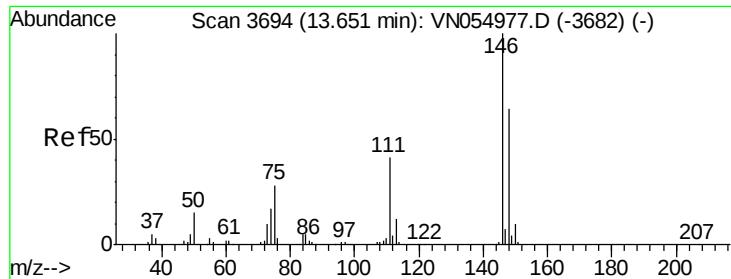
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	117	Resp:	43069
Ion Ratio	Lower	Upper	
117	100		
201	84.9	42.8	128.3





#87

1,2-Dichlorobenzene

Concen: 18.836 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Instrument :

MSVOA_N

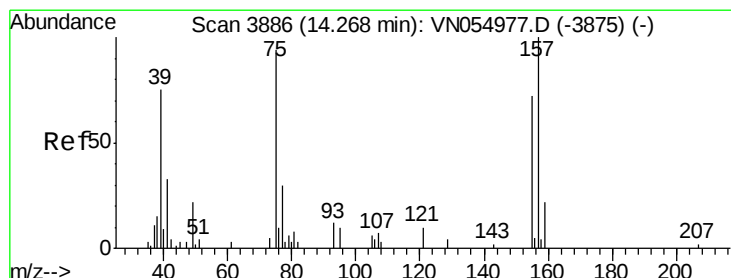
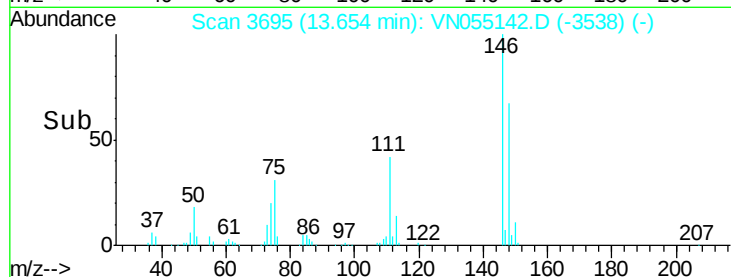
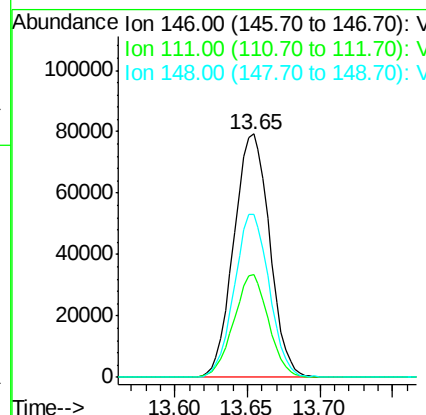
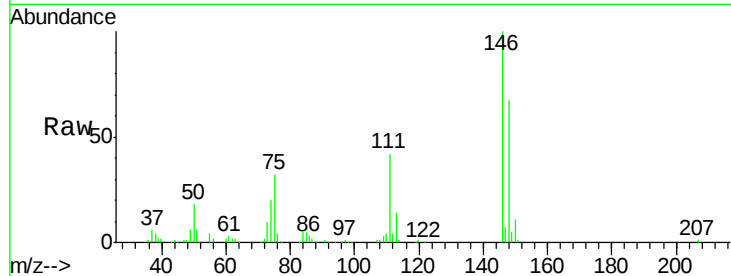
ClientSampled :

VN0419WBSD01

Tot Ion:	146	Resp:	136163
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.8
148	65.1	32.5	97.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 24.325 ug/l

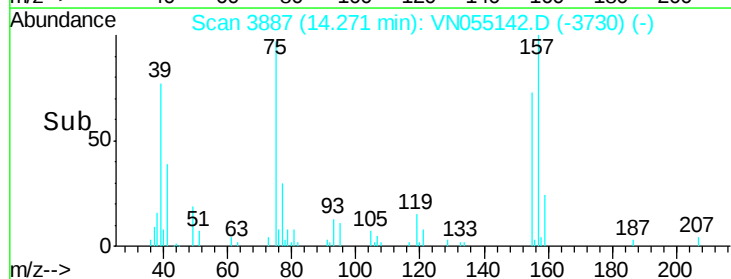
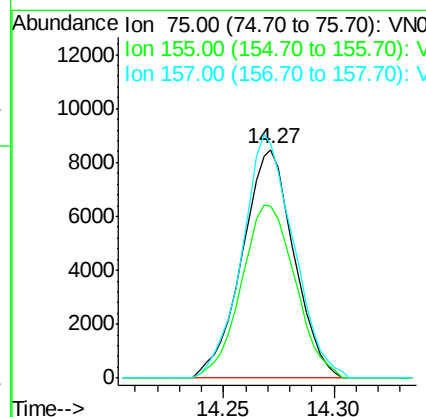
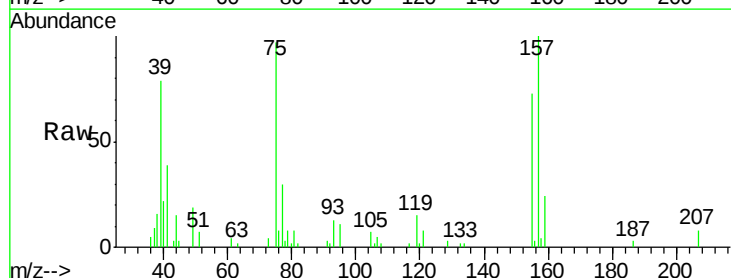
RT: 14.27 min Scan# 3887

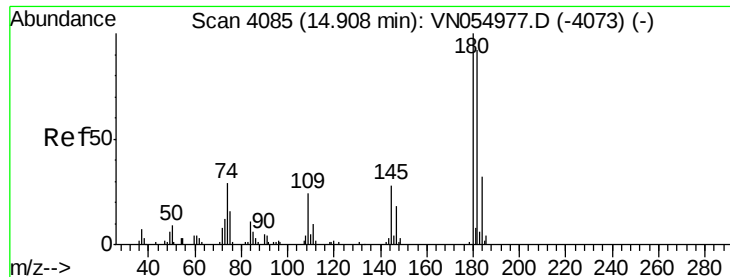
Delta R.T. 0.00 min

Lab File: VN055142.D

Acq: 19 Apr 2019 15:13

Tgt Ion:	75	Resp:	13803
Ion Ratio	Lower	Upper	
75	100		
155	78.7	61.8	92.8
157	106.0	82.7	124.1





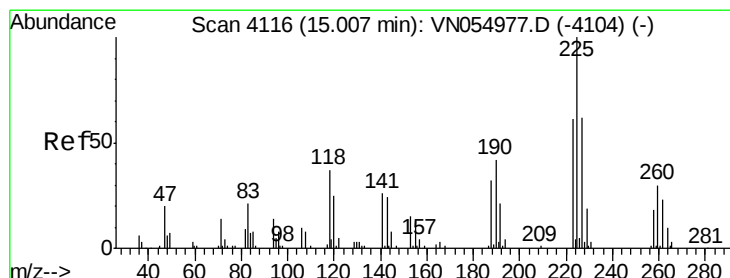
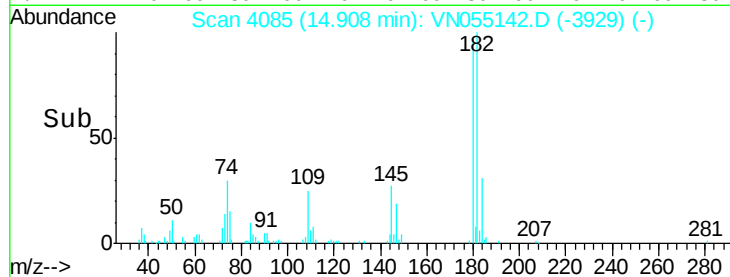
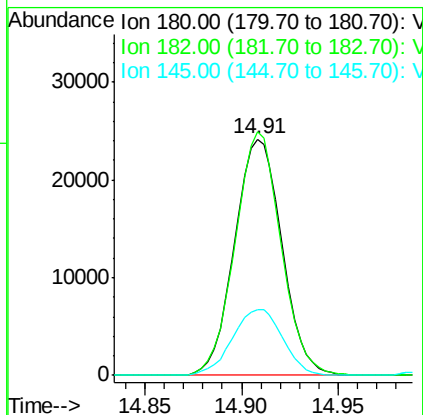
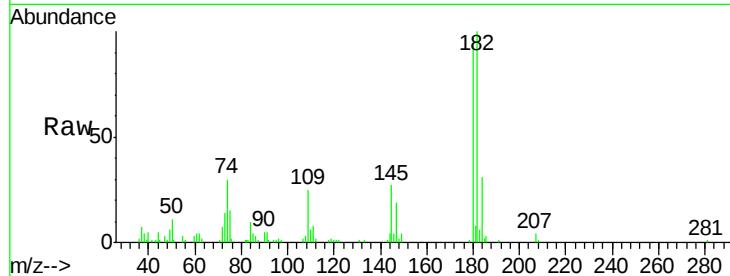
#89
 1,2,4-Trichlorobenzene
 Concen: 12.759 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Tot Ion:180	Resp:	41234
Ion Ratio	Lower	Upper
180	100	
182	99.5	73.2 109.8
145	29.6	23.2 34.8

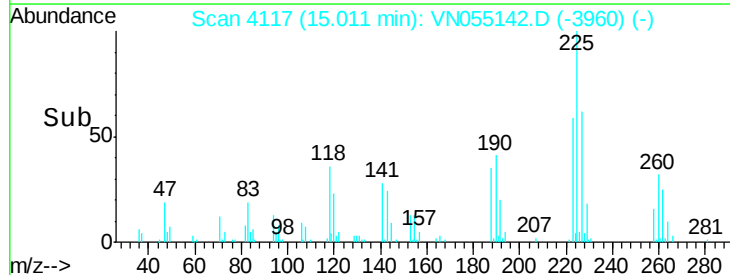
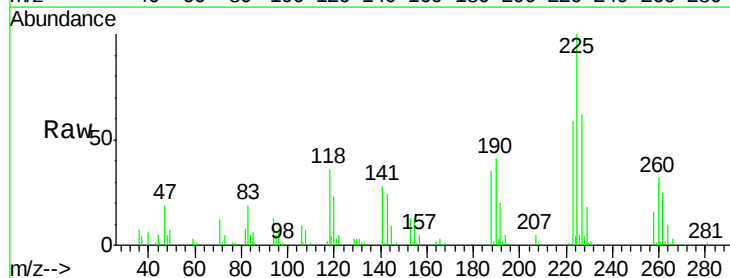
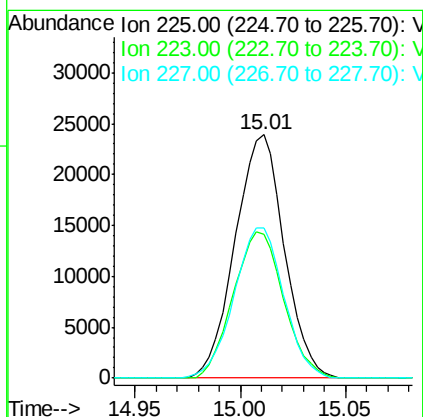
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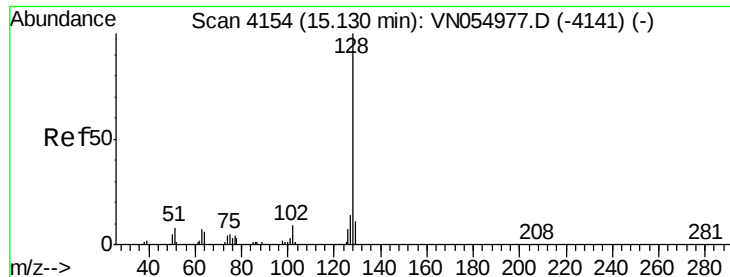
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#90
 Hexachlorobutadiene
 Concen: 16.441 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055142.D
 Acq: 19 Apr 2019 15:13

Tgt Ion:225	Resp:	38739
Ion Ratio	Lower	Upper
225	100	
223	61.5	0.0 126.0
227	62.6	0.0 125.4





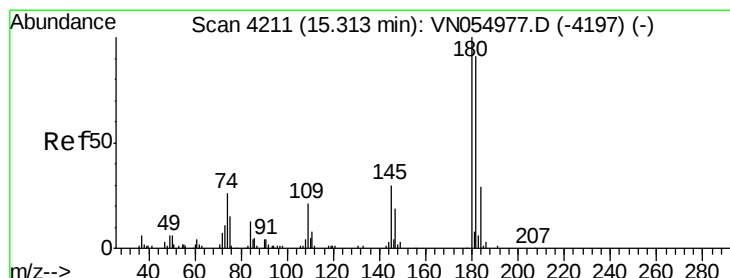
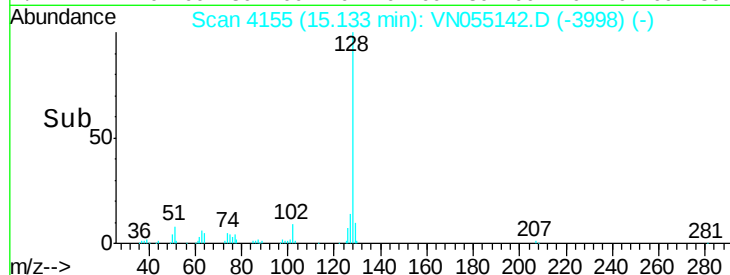
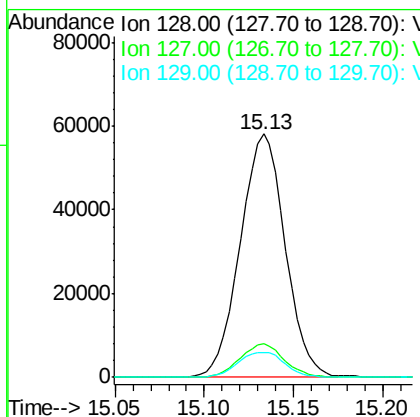
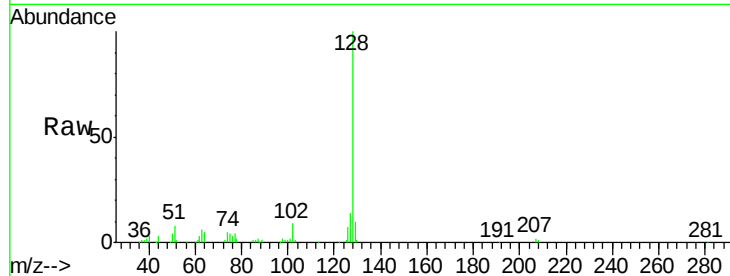
#91
Naphthalene
Concen: 15.090 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD01

Tot Ion:128	Resp:	102114
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.6 15.8
129	10.8	9.0 13.6

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#92
1,2,3-Trichlorobenzene
Concen: 14.966 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055142.D
Acq: 19 Apr 2019 15:13

Tgt Ion:180	Resp:	48374
Ion Ratio	Lower	Upper
180	100	
182	96.1	0.0 188.2
145	30.2	0.0 61.2

